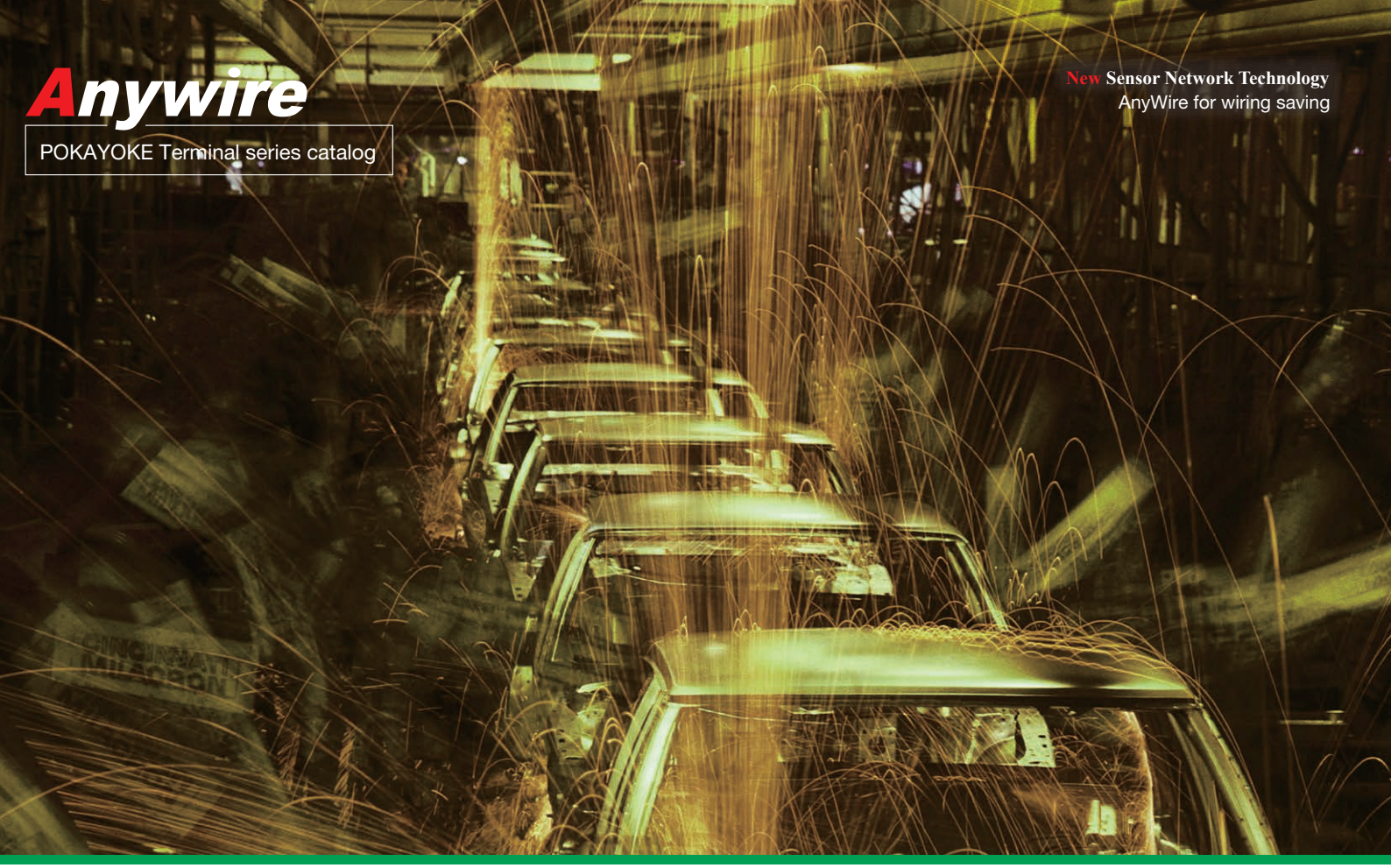
Anywire

POKAYOKE Terminal series catalog

New Sensor Network Technology
AnyWire for wiring saving



POKAYOKE Sho-Haisen System

POKAYOKE Terminal series

POKAYOKE
Terminal series catalog

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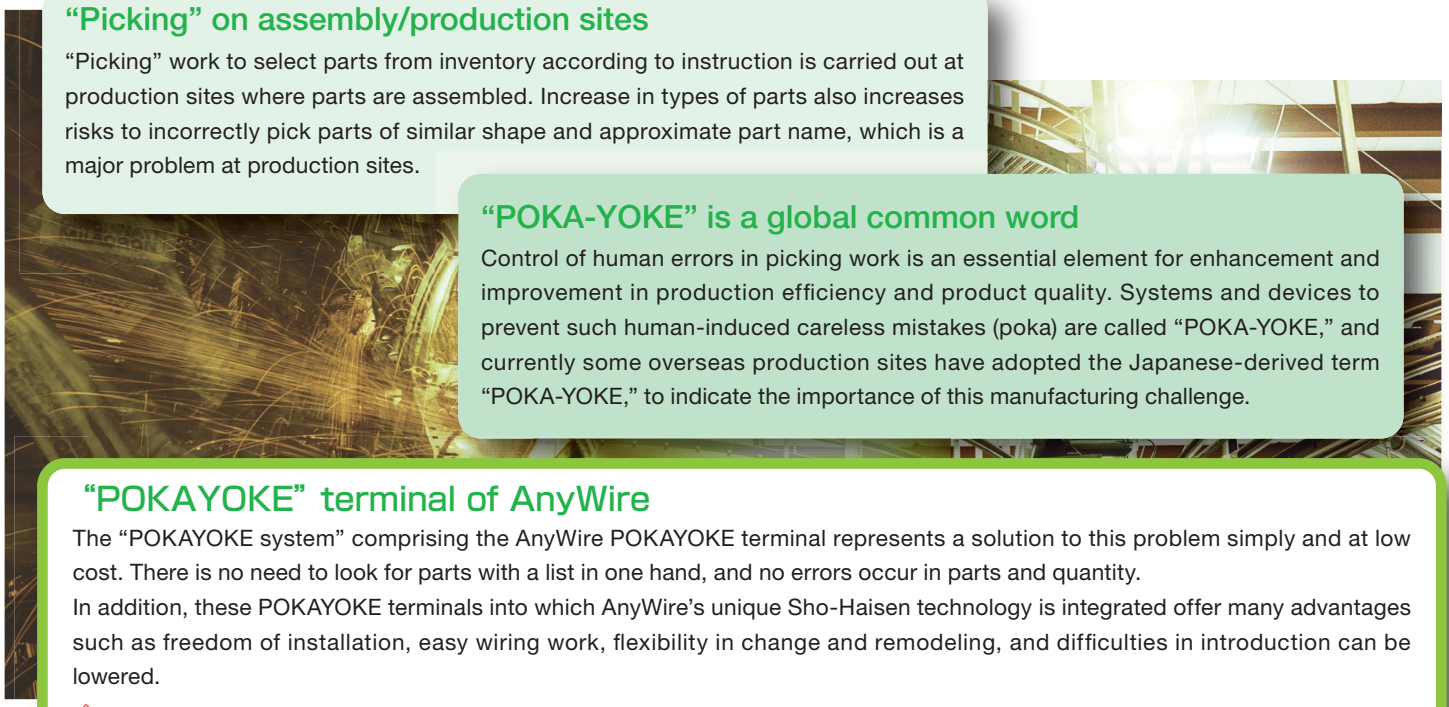
What is the POKAYOKE terminal?

“Picking” on assembly/production sites

“Picking” work to select parts from inventory according to instruction is carried out at production sites where parts are assembled. Increase in types of parts also increases risks to incorrectly pick parts of similar shape and approximate part name, which is a major problem at production sites.



“POKA-YOKE” is a global common word

Control of human errors in picking work is an essential element for enhancement and improvement in production efficiency and product quality. Systems and devices to prevent such human-induced careless mistakes (poka) are called “POKA-YOKE,” and currently some overseas production sites have adopted the Japanese-derived term “POKA-YOKE,” to indicate the importance of this manufacturing challenge.

“POKAYOKE” terminal of AnyWire

The “POKAYOKE system” comprising the AnyWire POKAYOKE terminal represents a solution to this problem simply and at low cost. There is no need to look for parts with a list in one hand, and no errors occur in parts and quantity.
In addition, these POKAYOKE terminals into which AnyWire’s unique Sho-Haisen technology is integrated offer many advantages such as freedom of installation, easy wiring work, flexibility in change and remodeling, and difficulties in introduction can be lowered.

- ◇ As the location of parts is informed by LED lamps, parts can be clearly identified even in a dark warehouse.
- ◇ As only the door for location from which parts should be taken out opens, retrieval errors never occur.
- ◇ As the quantity of parts is clearly instructed by 7-segment indication, errors in quantity never occur.

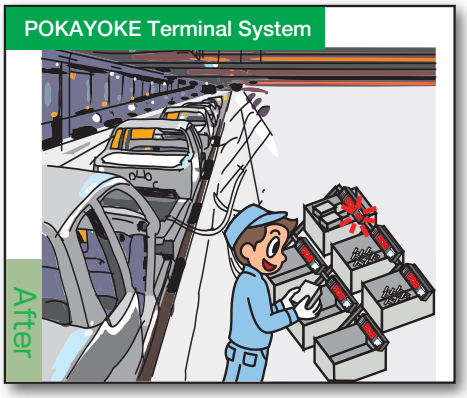
Before & After

Conventional System

At an Automotive Assembly Site!

Time and effort required to read a list and instructions
Do not know as to where actual parts are
Becomes one-handed operation
Time required to assemble
Incorrect parts assembly occurs

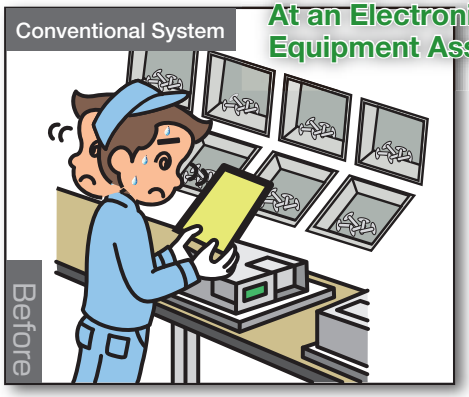
POKAYOKE Terminal System



When you install the POKAYOKE system,

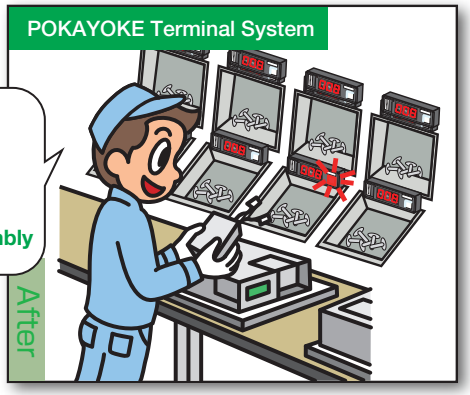
Conventional System

At an Electronics Equipment Assembly Site!



No need to read a list or instructions
Know where actual parts are at once
Can operate with both hands
Assembly time reduced
Quality improved with correct parts assembly

POKAYOKE Terminal System



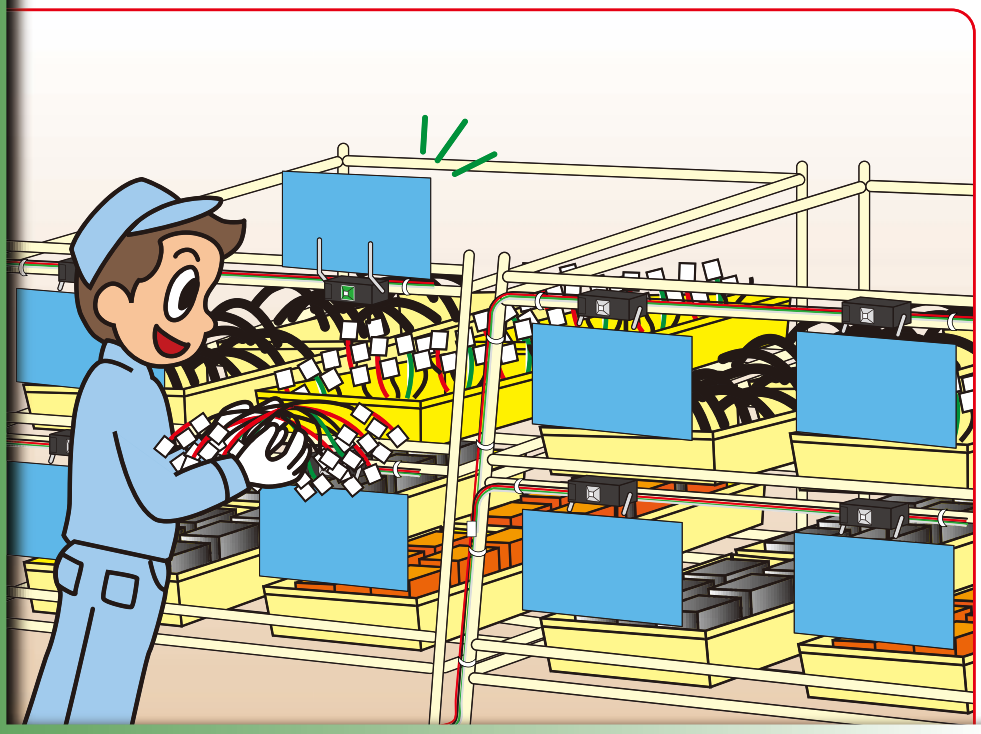
Applications

Application 1 <Take-out>

The first application is “take-out.”

“High-mix and low-volume production” is typically the case at current production sites, and “take-out” is inevitably a major point to increasing production efficiency and stabilizing product quality.

Adoption of the POKAYOKE terminal can significantly reduce work man-hours, eliminate errors in take-out of parts and also reduce worker stress.



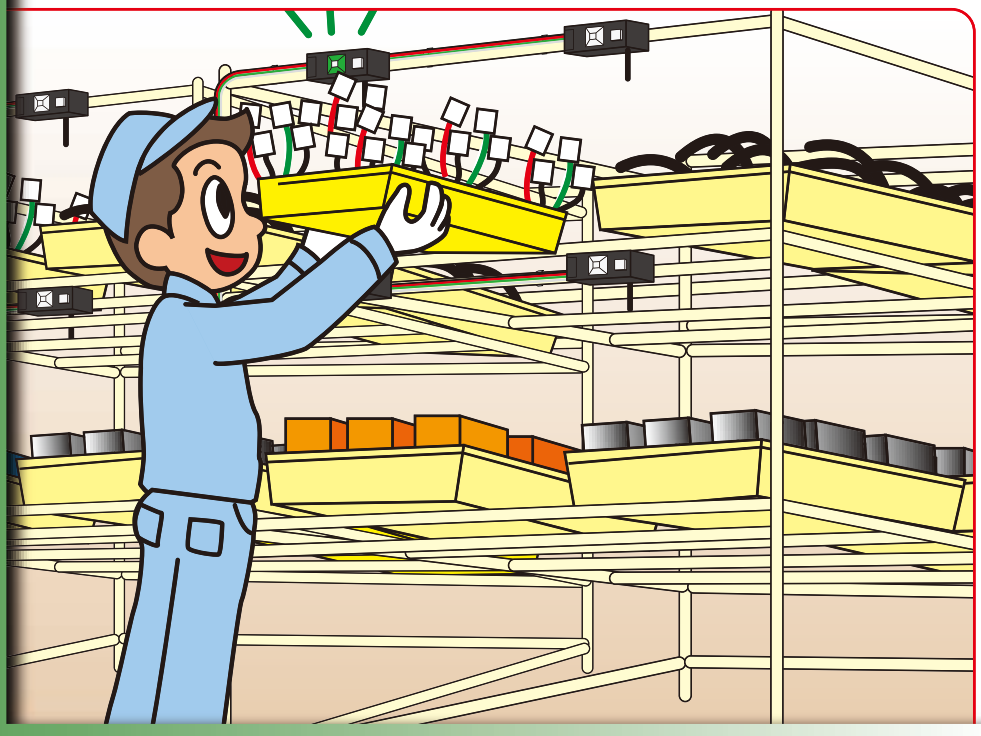
POKAYOKE terminal for “Take-out” process

Application 2 <Throw-in>

The second application is “Throw-in.”

“Throw-in” always exists at production sites where “Take-out” exists.
The POKAYOKE terminal is also used to prevent errors in “Throw-in” of parts.

Adoption of the POKAYOKE terminal can secure confirmation of throw-in of parts. It is recommended to introduce the POKAYOKE terminal for “throw-in” in conjunction with “take-out.”



POKAYOKE terminal for “Throw-in” process

Application 3

<Cell production>

The third application is “cell production.”

The “cell production” method has become more common at production sites of “High-mix and low-volume production.” In this method in which one worker is in charge of the initial to the end of the assembly process, there are multiple processes, and if the worker makes any mistake, it is hard to make up for it.

Very small type which can be installed at a narrow opening and the end surface of a column plate is available in the POKAYOKE terminal lineup, and is also most suitable for cell production.

POKAYOKE terminal for “Cell production”

Application 4

<Kitting: Tray service>

The fourth application is “Kitting: Tray service.”

Work in which parts which are necessary for manufacturing of a certain product are collected in one box (kit box) as one kit is called “kitting.”

The ultimate objectives of the take-out process and kitting are the same, however, detailed work instructions such as quantity and sequence of take-out are required for kitting.

POKAYOKE terminal is also used at such kitting sites.

POKAYOKE terminal for “Kitting: Tray service” process

Reason to select AnyWire 1

ADVANTAGE ①

wide lineup variety!

Total 60 or more models

Most standard POKAYOKE terminal

Standard type
Lever switch method

Indication: LED
(Green single color indication)
Response: Lever switch

Variation in response and detection

Response: Pushbutton

Detection: Photoelectric reflection

Variation in indication and instruction

Indication: LED (7-color indication)

Indication: 7-segment indication

Instruction: Door opening/closing

Variation in downsizing

Standard compact type (Standard smallness)

Indication: LED display
Response: Lever switch

Indication: 7-segment indication
Response: Lever switch

Indication: LED display
Response: Pushbutton

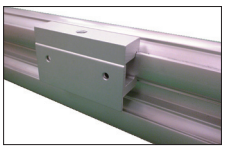
Indication: 7-segment indication
Response: Pushbutton

*For standard compact (standard smallness) type, products other than the above are also available. Refer to the pages of the product list for details.

Installation method also flexible!

Most POKAYOKE terminals can be installed on a 28mm diameter pipe rack as they are. Three types of pipe installation holders are available depending on workability at the time of installation (refer to the “Installation” at the right for details).
Depending on the product, there is also a type to drill at the installation location and directly install with screws or bolts, or a thin type to fix to the end surface of the column plate for a parts shelf with double-sided tape.

Pipe installation example


SUS pipe installation holder

Reason to select AnyWire 1

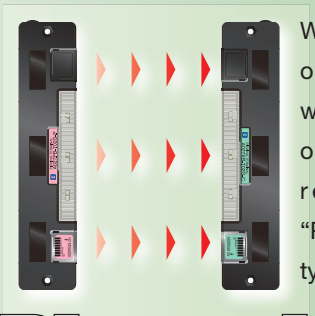
Basic

This is the most standard POKAYOKE terminal with “LED indication,” “Lever switch” and “Pipe installation.” This is our best seller due to its simplicity.
If you are considering which type to buy, select this type.

7-segment

This type uses the 7-segment for indication. Use this product when you require indication of numerical values such as the number of parts. Products of one digit indication and three digit indication are available and a lever switch and pushbuttons are available for a response, allowing you to select your preference.

Photoelectric transmission



When parts are long, and openings are wide or you wait to detect by take-out operation and eliminate response operation, “Photoelectric transmission type” is optimal.

Opening/closing of door

POKAYOKE terminal instructs on the take-out location by opening/closing of door block openings from which parts should not be taken out. This is most effective for prevention of mistake.
Response is performed by lever switch.

Installation

Holder for pipe installation product can be selected from the following three types.

Smallness

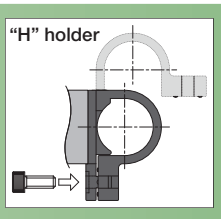
Products which are significantly downsized compared with the conventional type have also been added to the lineup. Various types such as “LED only” type and “7-segment” type for indication and types equipped with a “buzzer,” and types such as a “lever switch” and “pushbutton” for response are available.

“H” is a standard mounting holder, and is the easiest installation type due to the installation bolts being tightened from the front. There is a protruding section to the structure at the bottom of the holder.

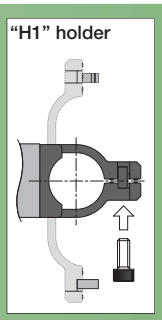
“H1” has no protrusion at the bottom of the holder, and is a type for which the bolt is tightened from the bottom (there is a protrusion on the back).
→Add “-H1” at the end of the standard model.

“SUS” is a dedicated holder installed on aluminum pipe of SUS company.
→Change the end of the standard model from “-P” to “-PS.”

“H” holder



“H1” holder



“SUS” holder

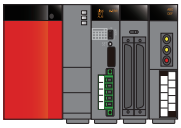
SUS company
N series
Green frame
Compatible with
(outer diameter 28mm)

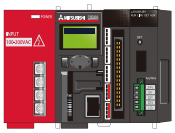
Reason to select AnyWire 2

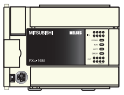
ADVANTAGE ②

Compatible with various controller networks!

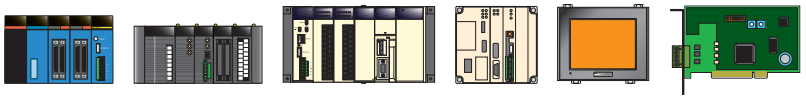
Because the AnyWire POKAYOKE terminal compatible with PLCs of each company including the MELSEC sequencer of Mitsubishi Electric and many common industrial open networks can be used with general equipment, environments and tools, there are no concerns even with the initial introduction.


MELSEC-Q


MELSEC-L


MELSEC-F

CC-Link



DeviceNet MECHATROLINK

Some products of the AnyWire POKAYOKE terminals are compatible with the “AnyWire DB A20 series” and some are compatible with the “AnyWire Bitty series.” There is no difference in the performance of the POKAYOKE terminals, however, there are master units and gateways compatible with each of them. Use the terminal of the corresponding combination based on the table below.

MELSEC sequencer manufactured by Mitsubishi Electric Corporation
- MELSEC-Q series
- MELSEC-L series
- MELSEC-F series

PLC, controller of each company
- Yokogawa Electric FA-M3series
- OMRON CJ1&CS1series
- TOSHIBA S2T
- Fuji Electric SX
- Panasonic FPΣ
- Digital LT3000
- SHARP JW20/30/300
- YASKAWA Electric MP2000/3000

Various open networks, PC I/F
- CC-Link(Ver.1.10/Ver.2.00)
- DeviceNet
- MECHATROLINK I/II/III
- PCI Bus
- PC104
- RS-232C
- RS485Modbus

		DB A20	Bitty
Mitsubishi Electric	MELSEC-Qseries	○	—
	MELSEC-Lseries	○	—
	MELSEC-Fseries	—	○
Yokogawa Electric	FA-M3series	○	—
OMRON	CJ1/CJ2series	○	—
	CS1/CS2series	○	—
TOSHIBA	S2Tseries	○	—
Fuji Electric	SXseries	○	—
Panasonic	FPΣseries	○	—
Digital	LT3000series	○	—
SHARP	JW20/30/300series	○	—
YASKAWA Electric	MP2000/3000series	○	—
Open network	CC-Link Ver.1.10	○	○
	CC-Link Ver.2.00	○	—
	DeviceNet	○	○
	MECHATROLINK-I/II	—	○
	MECHATROLINK-III	—	○
PC I/F	PCI Bus	○	—
	PC104	○	—
	RS-232C	○	—
	RS485Modbus	○	—
AnyWire	DB A20series	—	○*

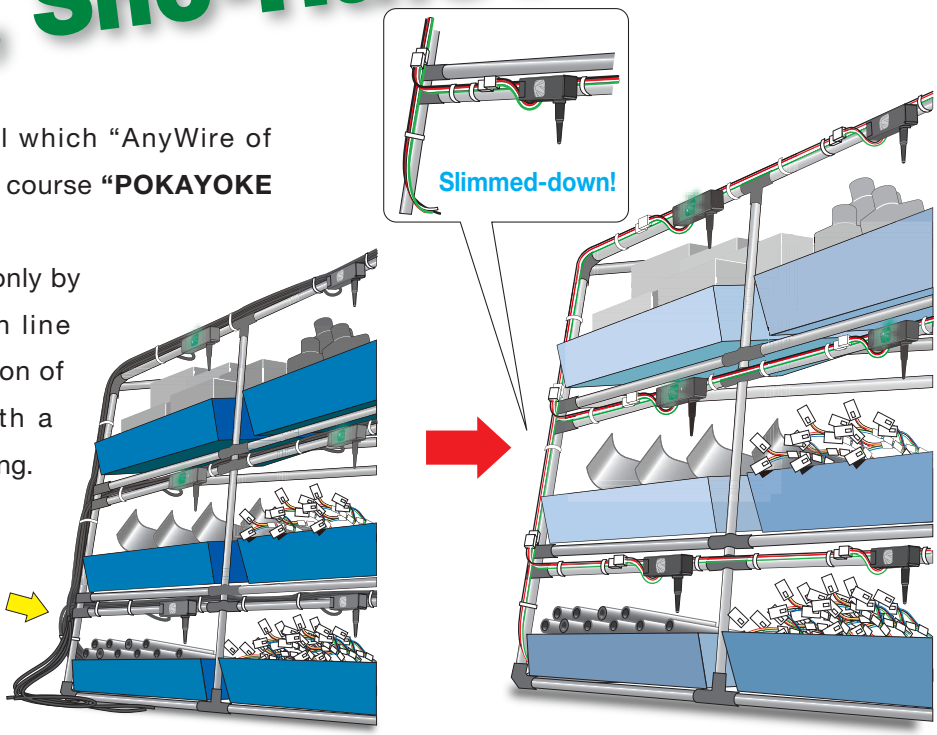
*Transmission of “Bitty series” can be connected to a low order of transmission of the “DB A20 series” by using a bridge “AB07-A-V3.” → Refer to page 24.

Reason to select AnyWire 3

ADVANTAGE ③

Of course, Sho-Haisen!

The POKAYOKE terminal which “AnyWire of Sho-Haisen” delivers is of course **“POKAYOKE [Sho-Haisen] terminal.”**
Connection can be made only by branching from the main line without requiring connection of individual terminals with a controller in one-to-one wiring.

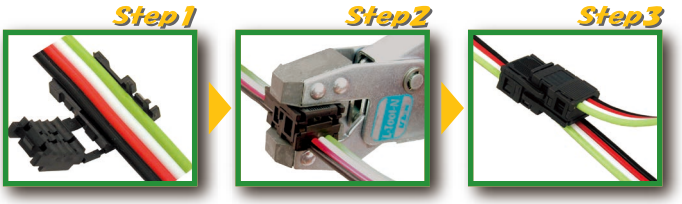


Conventional method　　Sho-Haisen method

Easy branching!

Transmission line of the POKAYOKE terminal is equipped with a link connector (LP connector) as standard. The link connector allows for branching and extension work without electric wire cutting and sheath stripping. Work time can also be reduced, and no electric wire or sheath waste, etc., is produced.

- Branching can be made even in the middle of wiring because of crimping.
- No waste is produced because an electric wire is not cut/sheath is not stripped.
- There is no difference between male and female, and are the same models, so it is easy to understand.



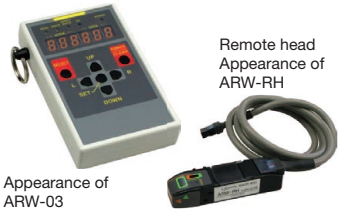
You can sandwich wire in a sleeve even in the middle or at the end of an electric wire.

Clamp with a dedicated tool to crimp.
(See the accessory items.)

T-branch, 4-branch or extension is allowed.
Working time is significantly reduced.

Address setting!

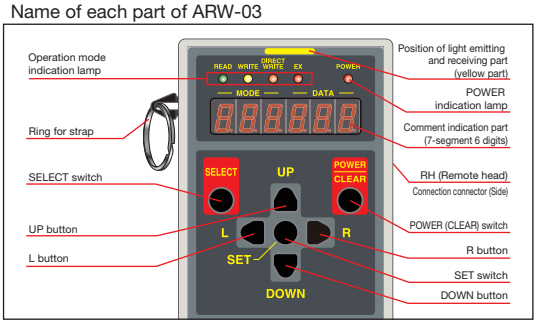
To set the address of the POKAYOKE terminal, a DIP switch or address writer can be selected depending on the product.
Refer to pages 25 and 26 for address setting. Refer to and confirm by the product instruction manual of each product for details of each product.



Appearance of ARW-03

Remote head
Appearance of ARW-RH

Name of each part of ARW-03



Configuration of POKAYOKE system

Configuration of the POKAYOKE system requires a “Master unit” and “Terminator” in addition to the POKAYOKE terminal, and an “electric wire” and “connector” connecting them, and “24V DC stabilized power source.”

Selection of master unit

Select the master unit to be used for your POKAYOKE system according to the sequencer and open network to be (schedule) used.

When the master unit has been determined, transmission protocol which you can use is also determined, then select the POKAYOKE terminal that corresponds to the protocol.

Although two types of transmission protocol are not compatible with each other, the transmission line of the Bitty series can be connected to the lower position of the transmission line of the DB A20 series via a bridge.

Reference: pages 07, 23, and 24

		DB A20	Bitty
Mitsubishi Electric	MELSEC-Qseries	○	—
	MELSEC-Lseries	○	—
	MELSEC-Fseries	—	○
Yokogawa Electric	FA-M3series	○	—
OMRON	CJ1/CJ2series	○	—
	CS1/CS2series	○	—
TOSHIBA	S2Tseries	○	—
Fuji Electric	SXseries	○	—
Panasonic	FPΣseries	○	—
Digital	LT3000series	○	—
SHARP	JW20/30/300series	○	—
YASKAWA Electric	MP2000/3000series	○	—
Open network	CC-Link Ver.1.10	○	○
	CC-Link Ver.2.00	○	—
	DeviceNet	○	○
	MECHATROLINK-I/II	—	○
	MECHATROLINK-III	—	○
PC I/F	PCI Bus	○	—
	PC104	○	—
	RS-232C	○	—
	RS485Modbus	○	—
AnyWire	DB A20series	—	○*

*Transmission of “Bitty series” can be connected to a low order of transmission of the “DB A20 series” by using a bridge “AB07-A-V3.”

Selection of terminal

Narrow down the POKAYOKE terminals you want to use with reference to features of individual products such as “indication, instruction,” “response, detection” and “how to install,” and site environment and purpose for introduction.

It is also necessary to pay attention to the “transmission protocol” and “address setting method” at that time.

*Products of different protocols cannot be combined for use.

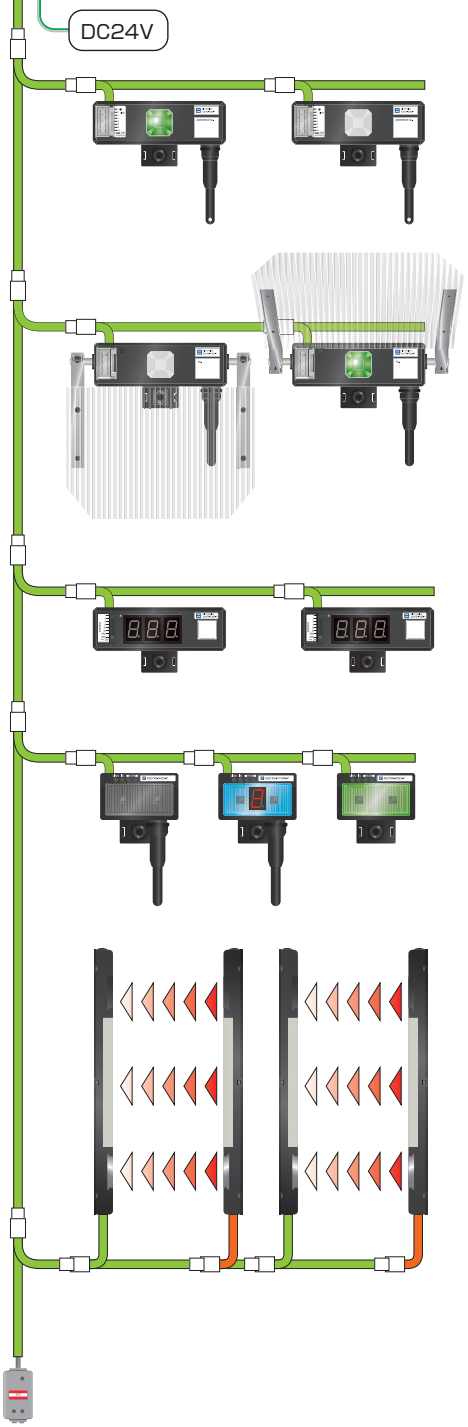
*Even if products of different address setting methods are combined, operation can be performed. However, mistakes may result at the time of setting work, therefore, it is not recommended.

“Number of occupied points” and “consuming current” vary with each product, which causes the number of connectable units to vary.

Sufficiently confirm the specifications referring to the catalog and Product Guide (Product instruction manual) to determine the configuration.

*A compatible lineup for every product feature can be confirmed in the product matrix diagram on pages 05 and 06, and page 11.

*Preparation is under way so that Product Guide of the POKAYOKE terminals can be downloaded from our website.
Contact the support dial described at the end of the manual until preparation is completed.



Terminator

The AnyWire Terminator is different from “Terminal resistor” in general, and incorporates a circuit to form a transmission waveform. Make sure to install one piece in one system at the most remote end of the branch.

Connector and cable

All POKAYOKE terminals are shipped with a link connector (LP connector) connected.

The LP connector is a crimp type connector with no distinction between female and male, and the branch point can be provided at any location without cutting the main line.

If a “4-core flat cable” which is the same as that used for the terminal is used, wiring work can be performed easily and quickly.

DB A20 series basic transmission specifications

*Specifications of the DB A20 series when the POKAYOKE terminal is used. There are some limits relative to the specifications of the normal DB A20 series.

Item	Contents
Effective data transmission rate	59 kbps/1024 points (at transmission clock: 31.3kHz)
Transmission method	Double duplex total frame/cyclic system
Synchronization system	Frame/bit synchronization system
Data length/frame	1 bit – 512 bits
Connection mode	Bus type (multi-drop type, T-branch type, star type, tree type)
Transmission protocol	Exclusive protocol (AnyWire Bus protocol)
Error control	Double collation system
Maximum number of connecting I/O points Note 1)	1024 points (IN 512 points + OUT 512 points)
Maximum number of connected terminal blocks Note 2)	128 terminals
Maximum cycle time Note 3)	[0.7ms/128 points] [1.2ms/256 points] [2.2ms/512 points] [4.3ms/1024 points]
RAS function	Branch disconnection detection, transmission line short-circuit detection
Transmission distance (total length)	Max. 200m
Transmission cable	Exclusive flat cable 0.75mm^2 (D, G, 24V, 0V)

Note 1) Maximum number of transmittable points depends on the master unit. There is a limit to the range of the number of points used according to the specifications of the POKAYOKE terminal.
Note 2)There is a limit to the maximum number of connecting units according to the number of occupied points of POKAYOKE terminal used and consuming current value.
Note 3) The above described number of points is a representative example of IN, OUT total. The actual cycle time varies depending on the master unit.

Bitty series basic transmission specifications

*Specifications of the Bitty series when the POKAYOKE terminal is used. There are some limits relative to the specifications of the normal Bitty series.

Item	Contents
Effective data transmission rate	50 kbps/512 points (at transmission clock: 27kHz), 57 kbps/512 points (at transmission clock: 31.3kHz)
Transmission method	Double duplex total frame/cyclic system
Synchronization system	Frame/bit synchronization system
Data length/frame	1 bit – 256 bits
Connection mode	Bus type (multi-drop type, T-branch type, tree type)
Transmission protocol	Exclusive protocol (AnyWire Bus Bitty protocol)
Error control	Double collation system
Maximum number of connecting I/O points Note 1)	Open Terminal series 512 points (IN 256 points + OUT 256 points)
	Bitty Bridge 512 points (Bit-Bus IN 256 points + OUT 256 points)
Maximum number of connected terminal blocks Note 2)	128 terminals
Maximum cycle time Note 3)	[3.2ms/128 points] [5.5ms/256 points] [10.2ms/512 points] (at 31.3kHz)
RAS function	Transmission line disconnected position detection, Transmission line short-circuit detection
Transmission cable	Exclusive flat cable 0.75mm^2 (D, G, 24V, 0V)
Transmission distance (total length)	100m (Max)

Note 1) Maximum number of transmittable points depends on the master unit. There is a limit to the range of the number of points used according to the specifications of the POKAYOKE terminal.
Note 2)There is a limit to the maximum number of connecting units according to the number of occupied points of POKAYOKE terminal used and consuming current value.
Note 3) The above described number of points is a representative example of IN, OUT total. The actual cycle time varies depending on the master unit.

Variations

List of POKAYOKE terminal products

Response, detection method

Indication, instruction method			Lever switch type	Pushbutton switch type	Photoelectric type: Reflection type (downward)	Photoelectric type: Transmission type
LED indication only	Stationary type (Green)		A027XB-02G2-P, A027XB-02G3-P, A027XB-E02G3-P, A227XB-02G2-P, A227XB-02G3-P → Refer to page 12 for details.	A027XB-02GN2-P, A027XB-02GN3-P, A227XB-02GN2-P, A227XB-02GN3-P → Refer to page 13 for details.	A027XB-02GL2-P, A027XB-02GL3-P, A227XB-02GL2-P, A227XB-02GL3-P → Refer to page 14 for details.	A027PB-T02G-P, A027XB-T02G-C, A027PB-T07P02D-P, A027XB-T07P02D-C, A027PB-T14P02D-P, A027XB-T14P02D-C, A227PB-T02G-P, A227XB-T02G-C, A227PB-T07P02D-P, A227XB-T07P02D-C, A227PB-T14P02D-P, A227XB-T14P02D-C → Refer to page 15 for details. *LED of products marked with ● is indicated in orange.
	Selection type Selection of one color from seven colors		A027XB-K02V-P, A227XB-K02V-P → Refer to page 12 for details.	A027XB-K02VN-P, A227XB-K02VN-P → Refer to page 13 for details.		
	Combination type RGB each color Independent ON/OFF		A027XB-K06M2-P, A027XB-K06M-P, A227XB-K06M-P → Refer to page 12 for details.	A027XB-K06MN-P, A227XB-K06MN-P → Refer to page 13 for details.		
Door opening/closing + LED indication	Stationary type (Green)		A027XB-F02G3-P, A227XB-F02G3-P → Refer to page 16 for details.			
7-segment indication + LED indication	Selection type Selection of one color from seven colors	One digit / Three digits	◇ 7-segment indication [one digit] A027XB-K71V-P, A227XB-K71V-P → Refer to page 17 for details.	◇ 7-segment indication [one digit] A027XB-K71VN-P, A227XB-K71VN-P → Refer to page 18 for details.		
	Combination type RGB each color Independent ON/OFF		◇ 7-segment indication [one digit] A027XB-K71M-P, A227XB-K71M-P; ◇ 7-segment indication [three digits] A227XB-73M2-P → Refer to page 17 for details.	◇ 7-segment indication [one digit] A027XB-K71MN-P, A227XB-K71MN-P; ◇ 7-segment indication [three digits] A027XB-73MN-P, A227XB-73MN-P → Refer to page 18 for details.		
Buzzer + LED indication	Selection type Selection of one color from seven colors		A227XB-KB02V-P → Refer to page 19 for details.	A227XB-KB02VN-P → Refer to page 19 for details.	A227XB-KB02VL-P → Refer to page 19 for details.	
	Combination type RGB each color Independent ON/OFF		A227XB-KB08M-P → Refer to page 19 for details.	A227XB-KB08MN-P → Refer to page 19 for details.	A227XB-KB08ML-P → Refer to page 19 for details.	

			Touch type	Special
	LED indication only	Stationary type (Green)	A092XB-02GL (Double-sided) → Refer to page 20 for details.	A027PB-01G-P, A227PB-01G-P *Indication only (no response) → Refer to page 21 for details.

*Specifications of each model are indicated by icon.

◆ **Address setting method**
- DIP switch
- Address writer

◆ **AnyWire transmission method**
- AnyWire DB A20
- AnyWire Bitty

◆ **Installation method**
- ϕ28 pipe
- M3 screw
- Double-sided tape

◆ Model *The following is a simplified description. Keep this in mind as a reference because there are some exceptions.

Model of **A027XB-02GN2-P** is classified as **A0:27:XB-:02:G:N:2:-P**, and can be used as a reference for confirmation of the specifications.

AnyWire transmission method
- **A0:** Bitty type
- **A2:** DB A20 type

Shape/structure
- **No mark:** Standard type
- **K:** Standard compact
- **E:** Dust-proof type
- **F:** Door opening/closing type

Number of occupied points/ number of 7-segment digits
- **-02:** 2 points including input and output
- *There are some points according to the number of points.
- **-71:** 7-segment one digit
- **-73:** 7-segent three digits

LED indication
- **G:** Green (mono-color)
- **V:** Selection of one color from seven colors
- **M:** RGB independent ON/OFF

Response method
- **No mark:** Lever switch
- **N:** Pushbutton switch
- **L:** Photoelectric downward reflection

Address setting method
- **2:** DIP switch
- **3:** Address writer
- *Omitted because all are 3 for standard compact

Indication: LED (stationary, selection, combination) Response: Lever switch

◆ LED indication: Stationery type Lever switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
LED Stationary type (Green)	Lever switch	1	1	20	ϕ28 pipe	27	DIP	Bitty	A027XB-02G2-P	Open	
LED Stationary type (Green)	Lever switch	1	1	20	ϕ28 pipe	27	Address writer	Bitty	A027XB-02G3-P	Open	△
LED Stationary type (Green)	Lever switch	1	1	20	ϕ28 pipe	27	Address writer	Bitty	A027XB-E02G3-P	Open	△
LED Stationary type (Green)	Lever switch	1	1	20	ϕ28 pipe	27	DIP	DB A20	A227XB-02G2-P	Open	
LED Stationary type (Green)	Lever switch	1	1	20	ϕ28 pipe	27	Address writer	DB A20	A227XB-02G3-P	Open	△

◆ LED indication: Selection type Lever switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
LED One color selection type	Lever switch	1	1	12	ϕ28 pipe	27	Address writer	Bitty	A027XB-K02V-P	Open
LED One color selection type	Lever switch	1	1	12	ϕ28 pipe	27	Address writer	DB A20	A227XB-K02V-P	Open

◆ LED indication: Combination type Lever switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
LED Combination type	Lever switch	1	3	20	ϕ28 pipe	27	DIP	Bitty	A027XB-06M2-P	Open
LED Combination type	Lever switch	1	3	12	ϕ28 pipe	27	Address writer	Bitty	A027XB-K06M-P	Open
LED Combination type	Lever switch	1	3	12	ϕ28 pipe	27	Address writer	DB A20	A227XB-K06M-P	Open

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”

A□27XB-0□□2-P
A□27XB-0□□3-P
A027XB-E02G3-P

Standard type

A□27XB-K02V-P
A□27XB-K06M-P

Standard compact type

◆ Option

・Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)	
[H] holder	ϕ28 pipe installation holder lower tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-5P	Open	
[H1] holder	ϕ28 pipe installation holder back tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-H1-5P	Open	
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	Open	△
Replacement rubber lever set (including cover, lever, ring respectively 5 pieces)		Terminal	-	A027-LES-01-5P	Open	

*ϕ28 pipe installation holder is included with the POKAYOKE terminal (ϕ28 pipe installation type). Single part is an option for change of installation and repair.

・For standard type

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Address switch cover (slide type, transparent) (including 5 pieces)	Slide	-	A027-KA2-5P	Open
Address switch cover (slide type, Black) (including 5 pieces)	Slide	-	A027-KA3-5P	Open

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*All prices exclude consumption tax. *Products marked with Δ are made-to-order.

Indication: LED (stationary, selection, combination) Response: Pushbutton switch

◆ LED indication: Stationery type
Pushbutton switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
LED Stationary type (Green)	Pushbutton	1	1	20	φ28 pipe	27	DIP switch	Bitty	A027XB-02GN2-P	Open
LED Stationary type (Green)	Pushbutton	1	1	20	φ28 pipe	27	Address writer	Bitty	A027XB-02GN3-P	Open △
LED Stationary type (Green)	Pushbutton	1	1	20	φ28 pipe	27	DIP switch	DB A20	A227XB-02GN2-P	Open
LED Stationary type (Green)	Pushbutton	1	1	20	φ28 pipe	27	Address writer	DB A20	A227XB-02GN3-P	Open △

◆ LED indication: Selection type
Pushbutton switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
LED One color selection type	Pushbutton	1	1	12	φ28 pipe	27	Address writer	Bitty	A027XB-K02VN-P	Open
LED One color selection type	Pushbutton	1	1	12	φ28 pipe	27	Address writer	DB A20	A227XB-K02VN-P	Open

◆ LED indication: Combination type
Pushbutton switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
LED Combination type	Pushbutton	1	3	12	φ28 pipe	27	Address writer	Bitty	A027XB-K06MN-P	Open
LED Combination type	Pushbutton	1	3	12	φ28 pipe	27	Address writer	DB A20	A227XB-K06MN-P	Open

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”

A□27XB-02GN2-P
A□27XB-02GN3-P

Standard type

A□27XB-K02VN-P
A□27XB-K06MN-P

Standard compact type

◆ Option

・Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
[H] holder	φ28 pipe installation holder lower tightening type (including 5 pieces)	φ28 pipe	30	A027-HP28-5P	Open
[H1] holder	φ28 pipe installation holder back tightening type (including 5 pieces)	φ28 pipe	30	A027-HP28-H1-5P	Open
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	Open △

*φ28 pipe installation holder is included with the POKAYOKE terminal (φ28 pipe installation type). Single part is an option for change of installation and repair.

・For standard type

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Address switch cover (slide type, transparent) (including 5 pieces)	Slide	-	A027-KA2-5P	Open
Address switch cover (slide type, Black) (including 5 pieces)	Slide	-	A027-KA3-5P	Open

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*Products marked with Δ are made-to-order. *All prices exclude consumption tax.

Indication: LED (stationary) Detection: Photoelectric downward reflection type

◆ LED indication: Stationery type
Photoelectric downward reflection

DIP switch　Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
LED Stationary type (Green)	Downward reflection	1	1	35	ϕ28 pipe	27	DIP switch	Bitty	A027XB-02GL2-P	Open	
LED Stationary type (Green)	Downward reflection	1	1	35	ϕ28 pipe	27	Address writer	Bitty	A027XB-02GL3-P	Open	△
LED Stationary type (Green)	Downward reflection	1	1	35	ϕ28 pipe	27	DIP switch	DB A20	A227XB-02GL2-P	Open	△
LED Stationary type (Green)	Downward reflection	1	1	35	ϕ28 pipe	27	Address writer	DB A20	A227XB-02GL3-P	Open	△

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”

A□27XB-02GL2-P
A□27XB-02GL3-P

Standard type

◆ Option

・Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)	
[H] holder	ϕ28 pipe installation holder lower tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-5P	Open	
[H1] holder	ϕ28 pipe installation holder back tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-H1-5P	Open	
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	Open	△

*ϕ28 pipe installation holder is included with the POKAYOKE terminal (ϕ28 pipe installation type). Single part is an option for change of installation and repair.

・For standard type

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Address switch cover (slide type, transparent) (including 5 pieces)	Slide	-	A027-KA2-5P	Open
Address switch cover (slide type, Black) (including 5 pieces)	Slide	-	A027-KA3-5P	Open

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*All prices exclude consumption tax. *Products marked with Δ are made-to-order.

Indication: LED (stationary) Detection: Photoelectric transmission type

DIP switch Address writer

◆ LED indication: **Stationery type**
Photoelectric transmission type

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Light axis	Maximum detection distance (mm)	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
LED Stationary type (Green)	Transmission (light emission)		1	3	1200	21	M3 screw	27	DIP	Bitty	A027PB-T02G-P	Open	
LED Stationary type (Green)	Transmission (light reception)	1	1	3	1200	25	M3 screw	27	DIP	Bitty	A027XB-T02G-C	Open	
LED Stationary type (Green)	Transmission (light emission)		1	3	1200	21	M3 screw	27	DIP	DB A20	A227PB-T02G-P	Open	△
LED Stationary type (Green)	Transmission (light reception)	1	1	3	1200	25	M3 screw	27	DIP	DB A20	A227XB-T02G-C	Open	△

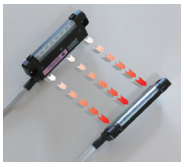
*Consuming current (mA) in combination of light emission and light reception
ex. For “A027PB-T02G-P” and “A027XB-T02G-C” → (40mA × [number of set units]) + 150mA

・Option

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Protective bracket for transmission type terminal	M3 screw	27	A027-TPC	Open
Installation screw set for transmission type terminal (for product with no protective bracket) (including 5 pieces)	M3 screw	-	A027-TS-5P	Open
Installation screw set for transmission type terminal (for product with protective bracket)(including 5 pieces)	M3 screw	-	A027-TPS-5P	Open
ϕ28 pipe installation holder for transmission type terminal	ϕ28 pipe	27	A027-THP28-H1	Open

DIP switch Address writer

◆ LED indication:
Stationery type
Photoelectric transmission type
(Dust-proof: 70mm short)



Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Light axis	Maximum detection distance (mm)	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
LED Stationary type (orange)	Transmission (light emission)		1	3	300	21	M3 screw	28	Address writer	Bitty	A027PB-T07P02D-P	Open	
LED Stationary type (orange)	Transmission (light reception)	1	1	3	300	25	M3 screw	28	Address writer	Bitty	A027XB-T07P02D-C	Open	
LED Stationary type (orange)	Transmission (light emission)		1	3	300	21	M3 screw	28	Address writer	DB A20	A227PB-T07P02D-P	Open	△
LED Stationary type (orange)	Transmission (light reception)	1	1	3	300	25	M3 screw	28	Address writer	DB A20	A227XB-T07P02D-C	Open	△

◆ LED indication:
Stationery type
Photoelectric transmission type
(Dust-proof: 140mm long)

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Light axis	Maximum detection distance (mm)	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
LED Stationary type (orange)	Transmission (light emission)		1	5	1000	21	M3 screw	28	Address writer	Bitty	A027PB-T14P02D-P	Open	
LED Stationary type (orange)	Transmission (light reception)	1	1	5	1000	25	M3 screw	28	Address writer	Bitty	A027XB-T14P02D-C	Open	
LED Stationary type (orange)	Transmission (light emission)		1	5	1000	21	M3 screw	28	Address writer	DB A20	A227PB-T14P02D-P	Open	△
LED Stationary type (orange)	Transmission (light reception)	1	1	5	1000	25	M3 screw	28	Address writer	DB A20	A227XB-T14P02D-C	Open	△

*Consuming current (mA) in combination of light emission and light reception
ex. For “A027PB-T07P02D-P” and “A027XB-T07P02D-C” → (40mA × [number of set units]) + 150mA

・Option

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Protective bracket for transmission type terminal (Dust-proof: 70mm)	M3 screw	28	A027-T07PC	Open
Protective bracket for transmission type terminal (Dust-proof: 140mm)	M3 screw	28	A027-T14PC	Open
Installation screw set for transmission type terminal (for product with no protective bracket) (including 5 pieces)	M3 screw	-	A027-TSM4-5P	Open
Installation screw set for transmission type terminal (for product with protective bracket)(including 5 pieces)	M3 screw	-	A027-TPSM4-5P	Open
ϕ28 pipe installation holder for transmission type terminal (Dust-proof: 70mm)	ϕ28 pipe	28	A027-T07PHP28-H1	Open
ϕ28 pipe installation holder for transmission type terminal (Dust-proof: 140mm)	ϕ28 pipe	28	A027-T14PHP28-H1	Open
4-core flat cable (oil resistance) (AWG18 (0.75sq) × 4-core Insulation sheath outer diameter ϕ2.5±0.1mm)	–	-	FK4-P075-100	Open

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*Products marked with Δ are made-to-order. *All prices exclude consumption tax.

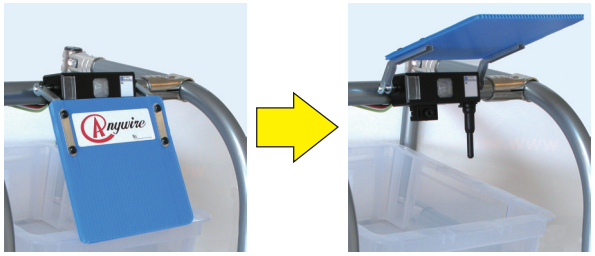
Instruction: Door opening/closing + LED (Stationary) Response: Lever switch type

◆Door opening/closing
+ LED indication: Stationary type
Lever switch type

DIP switch Address writer

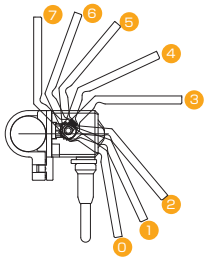
Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
Door + LED stationary type (Green)	Lever switch	1	1	Standby 19 Motion 522	ϕ28 pipe	28		Bitty	A027XB-F02G3-P	Open
Door + LED stationary type (Green)	Lever switch	1	1	Standby 19 Motion 522	ϕ28 pipe	28		DB A20	A227XB-F02G3-P	Open

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”



“Address,” “Door arm raising and lowering angle” and “door arm lowering motion delay time” can be set by address writer.
*“Door arm raising and lowering motion speed setting” cannot be performed.

☐Arm raising angle



Arm raising angle can be set at seven stages up to approximately 180°. Adjustment can be made when the door collides with the shelf or work.
Write No. of approximate position where you want to stop the door in angle setting mode of the address writer.
*The angle is an approximate one, and the angle cannot be strictly designated.

☐Arm lowering delay time

Set value	Delay time C (Second)
0	0.7
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

When the unloading indication lamp is lit (output is turned ON), the arm is raised in conjunction with the lamp, and when the lamp is unlit (output is turned OFF), the arm is automatically lowered after a certain time.
This delay time until the arm is lowered can be set at 10 stages.

◆ Option

・Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
[H] holder	ϕ28 pipe installation holder lower tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-5P	Open
[H1] holder	ϕ28 pipe installation holder back tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-H1-5P	Open
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	Open △
Replacement rubber lever set (including cover, lever, ring respectively 5 pieces)		Terminal	-	A027-LES-01-5P	Open
Address switch cover (slide type, transparent) (including 5 pieces)		Slide	-	A027-KA2-5P	Open
Address switch cover (slide type, Black) (including 5 pieces)		Slide	-	A027-KA3-5P	Open

*ϕ28 pipe installation holder is included with the POKAYOKE terminal (ϕ28 pipe installation type). Single part is an option for change of installation and repair.

◆Address writer

ARW-02V1

ARW-03

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (Door opening/closing POKAYOKE recommended)	Non-contact type	30	ARW-02V1	36,000
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*All prices exclude consumption tax. *Products marked with Δ are made-to-order.

Products

Indication: 7-segment + LED (selection, combination) Response: Lever switch type

◆ 7-segment + LED indication: Selection type Lever switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
One digit 7-segment + one color selection type LED	Lever switch	1	5	18	ϕ28 pipe	28		Bitty	A027XB-K71V-P	Open
One digit 7-segment + one color selection type LED	Lever switch	1	5	18	ϕ28 pipe	28		DB A20	A227XB-K71V-P	Open

◆ 7-segment + LED indication: Combination type Lever switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
One digit 7-segment + Combination type LED	Lever switch	1	7	18	ϕ28 pipe	28		Bitty	A027XB-K71M-P	Open
One digit 7-segment + Combination type LED	Lever switch	1	7	18	ϕ28 pipe	28		DB A20	A227XB-K71M-P	Open
Three digit 7-segment + Combination type LED	Lever switch	1	16	20	ϕ28 pipe	29	1 2	DB A20	A227XB-73M2-P	Open

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”

A227XB-73M2-P
Standard type

A□27XB-K71V-P
A□27XB-K71M-P
Standard compact type

◆ Option

・Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
[H] holder	ϕ28 pipe installation holder lower tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-5P	Open
[H1] holder	ϕ28 pipe installation holder back tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-H1-5P	Open
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	Open △
Replacement rubber lever set (including cover, lever, ring respectively 5 pieces)		Terminal	-	A027-LES-01-5P	Open

*ϕ28 pipe installation holder is included with the POKAYOKE terminal (ϕ28 pipe installation type). Single part is an option for change of installation and repair.

・For standard type

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Address switch cover (slide type, transparent) (including 5 pieces)	Slide	-	A027-KA2-5P	Open
Address switch cover (slide type, Black) (including 5 pieces)	Slide	-	A027-KA3-5P	Open

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*Products marked with Δ are made-to-order. *All prices exclude consumption tax.

Indication: 7-segment + LED (selection, combination) Response: Pushbutton switch

◆ 7-segment + LED indication: Selection type Pushbutton switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
One digit 7-segment + LED one color selection type	Pushbutton	1	5	18	ϕ28 pipe	29		Bitty	A027XB-K71VN-P	Open
One digit 7-segment + LED one color selection type	Pushbutton	1	5	18	ϕ28 pipe	29		DB A20	A227XB-K71VN-P	Open △

◆ 7-segment + LED indication: Combination type Pushbutton switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
One digit 7-segment + LED Combination type	Pushbutton	1	7	18	ϕ28 pipe	29		Bitty	A027XB-K71MN-P	Open
One digit 7-segment + LED Combination type	Pushbutton	1	7	18	ϕ28 pipe	29		DB A20	A227XB-K71MN-P	Open
Three digits 7-segment + LED Combination type	Pushbutton	1	16	20	ϕ28 pipe	29	1 2	Bitty	A027XB-73MN-P	Open △
Three digits 7-segment + LED Combination type	Pushbutton	1	16	20	ϕ28 pipe	29	1 2	DB A20	A227XB-73MN-P	Open

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”

A027XB-73MN-P
A227XB-73MN-P

Standard type

A□27XB-K71VN-P
A□27XB-K71MN-P

Standard compact type

◆ Option

・Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
[H] holder	ϕ28 pipe installation holder lower tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-5P	Open
[H1] holder	ϕ28 pipe installation holder back tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-H1-5P	Open
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	Open △

*ϕ28 pipe installation holder is included with the POKAYOKE terminal (ϕ28 pipe installation type). Single part is an option for change of installation and repair.

・For standard type

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Address switch cover (slide type, transparent) (including 5 pieces)	Slide	-	A027-KA2-5P	Open
Address switch cover (slide type, Black) (including 5 pieces)	Slide	-	A027-KA3-5P	Open

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*All prices exclude consumption tax. *Products marked with Δ are made-to-order.

Instruction: Buzzer + LED (selection, combination)
Response: Lever switch type, pushbutton type, photoelectric downward reflection type

◆ Buzzer + LED indication: Selection type, combination type Pushbutton switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
Buzzer + LED one color selection type	Lever switch	1	1	10	ϕ28 pipe	29		DB A20	A227XB-KB02V-P	Open	△
Buzzer + LED Combination type	Lever switch	1	4	14	ϕ28 pipe	29		DB A20	A227XB-KB08M-P	Open	△

◆ Buzzer + LED indication: Selection type, combination type Lever switch type

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
Buzzer + LED one color selection type	Pushbutton	1	1	10	ϕ28 pipe	29		DB A20	A227XB-KB02VN-P	Open	△
Buzzer + LED Combination type	Pushbutton	1	4	14	ϕ28 pipe	29		DB A20	A227XB-KB08MN-P	Open	△

◆ Buzzer + LED indication: Selection type, combination type Photoelectric downward reflection

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
Buzzer + LED one color selection type	Downward reflection	1	1	10	ϕ28 pipe	29		DB A20	A227XB-KB02VL-P	Open	△
Buzzer + LED Combination type	Downward reflection	1	4	14	ϕ28 pipe	29		DB A20	A227XB-KB08ML-P	Open	△

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”

A227XB-KB02V-P
A227XB-KB08M-P

Lever switch type
Standard compact type

A227XB-KB02VN-P
A227XB-KB08MN-P

Pushbutton switch type
Standard compact type

A227XB-KB02VL-P
A227XB-KB08ML-P

Photoelectric downward reflection type
Standard compact type

◆ Option

・Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)	
[H] holder	ϕ28 pipe installation holder lower tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-5P	Open	
[H1] holder	ϕ28 pipe installation holder back tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-H1-5P	Open	
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	Open	△

*ϕ28 pipe installation holder is included with the POKAYOKE terminal (ϕ28 pipe installation type). Single part is an option for change of installation and repair.

・For lever switch type

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
Replacement rubber lever set (including cover, lever, ring respectively 5 pieces)	Terminal	-	A027-LES-01-5P	Open

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*Products marked with Δ are made-to-order. *All prices exclude consumption tax.

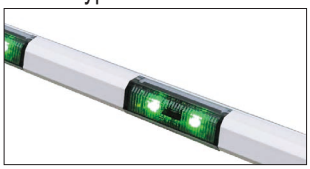
Indication: LED (stationary) Detection: Touch type (photoelectric reflection type)

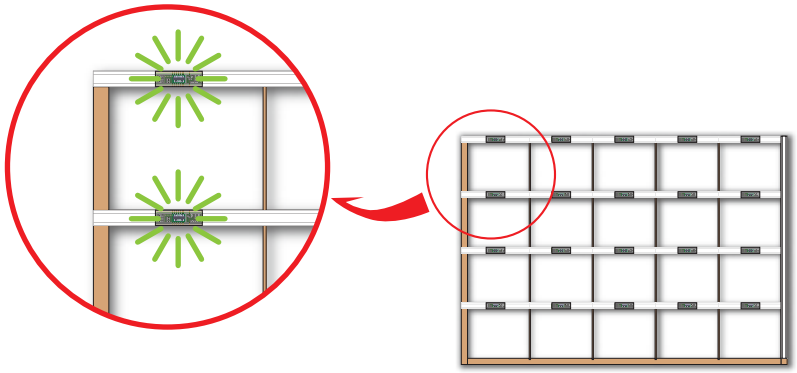
DIP switch Address writer

◆ LED indication: Stationery type

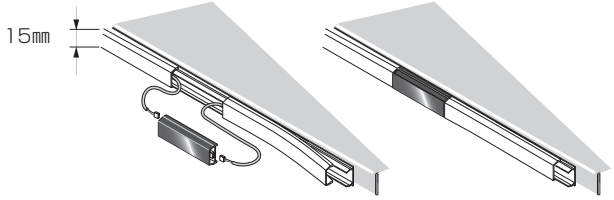
Touch type (photoelectric reflection type)

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)	
LED Stationary type (Green)	Touch	1	1	14	Double-sided tape	29		Bitty	A092XB-02GL	Open	△



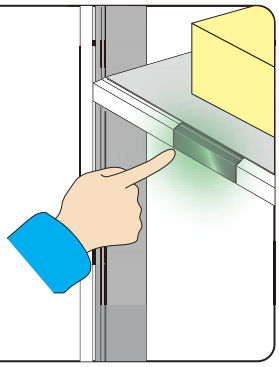


This is best suited for the POKAYOKE terminal when there are many small openings installed on shelves for small parts and electronic components, etc.
This can be installed if the thickness of the shelf plate, etc., is 15mm or more. Therefore, it is commonly used in many situations. This indicates with green LED, and the input method is a touch type (photoelectric reflection type). This reacts only by tapping the body by hand.
Because there are no movable parts, it is a hard-to-break structure.



The POKAYOKE module of the same shape has a wire duct width of 15mm. This can be installed on the side of a shelf plate of which the thickness is 15mm or more, and work time is simplified due to installation only by double-sided tape.

When parts on a shelf where an unloading indication lamp is lit are unloaded and the indication lamp is touched by a finger, “unloading completed” is set.



◆ Option

Product specifications	Installation	Page of dimensional outlines drawing	Model	Standard price (¥)	
Wiring duct (1m)	Wiring molding	29	A092-DM	Open	△
Cable with connectors on both ends (0.3sq × 2-core 5cm)	Wiring molding	30	A092-CND-05	Open	△
Cable with connectors on both ends (0.3sq × 2-core 10cm)	Wiring molding	30	A092-CND-10	Open	△
Cable with connectors on both ends (0.3sq × 2-core 15cm)	Wiring molding	30	A092-CND-15	Open	△
Cable with connectors on both ends (0.3sq × 2-core 20cm)	Wiring molding	30	A092-CND-20	Open	△

◆Address writer

Product specifications	Type	Page of dimensional outlines drawing	Model	Standard price (¥)
Address writer (general-purpose)	Non-contact type	30	ARW-03	36,000
Infrared ray remote head for address writer	Non-contact type	-	ARW-RH	6,000
Address writer ARW-03 + Infrared ray remote head	Non-contact type	-	ARW-03-RH	40,000

*All prices exclude consumption tax. *Products marked with Δ are made-to-order.

Indication: LED (stationary) Response: None

◆ LED indication:
Stationery type
Special type
(No response)

DIP switch Address writer

Indication, instruction	Response, detection	Number of I/O points Input	Number of I/O points Output	Consumption current (mA)	Installation	Page of dimensional outlines drawing	Setting	Transmission method	Model	Standard price (¥)
LED Stationary type (Green)	None		1	20	ϕ28 pipe	30		Bitty	A027PB-01G-P	**Open**
LED Stationary type (Green)	None		1	20	ϕ28 pipe	30		DB A20	A227PB-01G-P	**Open**

*The above models are equipped with “H” holder as a standard.
*When installing “H1” holder, add “-H1” at the end of the standard model.
*When installing “SUS” holder, change the end of the standard model from “-P” to “-PS.”

A027PB-01G-P
A227PB-01G-P

Standard type

◆ Option ·Common

Product specifications		Installation	Page of dimensional outlines drawing	Model	Standard price (¥)
[H] holder	ϕ28 pipe installation holder lower tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-5P	**Open**
[H1] holder	ϕ28 pipe installation holder back tightening type (including 5 pieces)	ϕ28 pipe	30	A027-HP28-H1-5P	**Open**
[SUS] holder	SUS pipe installation holder	SUS pipe	30	A027-HP-SUS2	**Open** △
Address switch cover (slide type, transparent) (including 5 pieces)		Slide	-	A027-KA2-5P	**Open**
Address switch cover (slide type, Black) (including 5 pieces)		Slide	-	A027-KA3-5P	**Open**

*ϕ28 pipe installation holder is included with the POKAYOKE terminal (ϕ28 pipe installation type). Single part is an option for change of installation and repair.

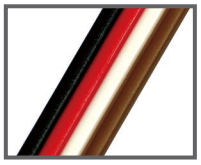
*Products marked with Δ are made-to-order. *All prices exclude consumption tax.

Accessories

◆AnyWire Cable/Connector (AnyWire transmission cable & connector)

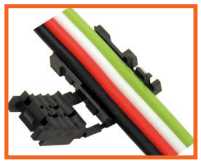
Product specifications	Details		Model	Standard price (¥)
Flat cable (100m winding) (Conductor resistance 0.027Ω/m·Allowable current 5A)	4-core flat cable (AWG16 (1.25sq) x 4-core Insulating coating outer diameter ϕ2.5±0.1mm)		FK4-125-100	Open
	4-core flat cable (AWG18 (0.75sq) x 4-core Insulating coating outer diameter ϕ2.5±0.1mm)		FK4-075-100	Open
LP connector (10 connectors included) *Crimp type link connector (Allowable current 5A) Body color Red: for wire diameter size 1.25sq Black: for wire diameter size 0.75sq Gray: for wire diameter size 0.5sq White: for wire diameter size 0.3sq	4-pole	For 4-core flat cable (1.25sq) (coating outer diameter ϕ2.54mm Cover: White Body: Red) Pin protector type	LP4-WR-10P	Open
		For 4-core flat cable (0.75sq) (coating outer diameter ϕ2.54mm Cover: Black Body:Black)	LP4-BK-10P	Open
		For 4-core flat cable (0.75sq) (coating outer diameter ϕ2.54mm Cover: White Body: Black) Pin protector type	LP4-WH-10P	Open
		For cabtire cable (Coating outer diameter ϕ1.1 to 1.4mm Cover: White Body: White)	LP4-WW-10P	Open
		For cabtire cable (Coating outer diameter ϕ2.1 to 2.4mm Cover: Orange Body: Black)	LP4-OR-10P	Open
		For cabtire cable (Coating outer diameter ϕ1.8 to 2.1mm Cover: Yellow Body: Black)	LP4-YE-10P	Open
		For cabtire cable (Coating outer diameter ϕ2.1 to 2.4mm Cover: Orange Body: Gray)	LP4-ORG-10P	Open
		For cabtire cable (Coating outer diameter ϕ1.8 to 2.1mm Cover: Yellow Body: Gray)	LP4-YEG-10P	Open
Crimping tool for LP connector	Crimping tool dedicated to LP connector (The connector can be crimped by pliers, etc., however, a dedicated tool is recommended)		LP-TOOL	Open

◇Flat cable appearance photo



4-core flat cable
AWG16 (**1.25sq**)×4-core
(DN:DP:0V:24V from the left)

4-core flat cable
AWG18 (**0.75sq**)×4-core
(DN:DP:0V:24V from the left)



When using in combination with the dedicated flat cable and LP connector (link connector), connect wires so that the black electric wire (DN line) is on the hinge side (No. 1) of the connector body as shown in the photo.

Master Units

◆PLC Interface

QJ51AW12D2

LJ51AW12D2

FX3U-128BTY-M

AFSR01-D2

AFCJ01-D2

AFCS01-D2

AF611-D2

NP1L-AW1-D2

AFSP01-D2

Product specifications	Support I/O points		Consumption current (mA)	Dimensions (mm)	Transmission method	Model	Standard price (¥)
	Input	Output					
I/F for Mitsubishi Electric MELSEC Q series	512	512	500	98x27.4x90	DB A20	QJ51AW12D2	Sold by Mitsubishi Electric
I/F for Mitsubishi Electric MELSEC L series	512	512	500	90x28.5x95	DB A20	LJ51AW12D2	Sold by Mitsubishi Electric
I/F for Mitsubishi Electric MELSEC F series	128 (Note 1)	128 (Note 1)	100	90x43x87	Bitty	FX3U-128BTY-M	Sold by Mitsubishi Electric
Master I/F for Yokogawa Electric FA-M3 series	512	512	500	100x29x92.7	DB A20	AFSR01-D2	78,000
Master I/F for OMRON CJ1 series	512	512	500	65x31x90	DB A20	AFCJ01-D2	78,000
Master I/F for OMRON CS1 series	512	512	500	130x34.5x110.5	DB A20	AFCS01-D2	78,000
Master I/F for Toshiba S2T	512	512	500	130x35x113	DB A20	AF611-D2	78,000
Master I/F for Fuji Electric SX	512	512	500	105x34.8x97.3	DB A20	NP1L-AW1-D2	78,000
Master I/F for PANASONIC FPΣ	512	512	500	60x30x90	DB A20	AFSP01-D2	78,000

Note 1: Number of input points + number of output points ≤ 128 (if number of input points + number of output points ≥ 128, number of input points is prioritized.)
*Master I/F for Sharp JW20/30/300 series, master I/F for Yaskawa Electric MP2000 series also available. For details, contact our sales representative.
*Consumption current is external supply part only. For details, refer to the operation manual.

◆Touch Panel Interface

AFLT01-D2

Controller LT3000 series with displayer

Product specifications	Support I/O points		Consumption current (mA)	Dimensions (mm)	Transmission method	Model	Standard price (¥)
	Input	Output					
Master I/F for digital LT 3000 series	448	448	200	90x71x23.5	DB A20	AFLT01-D2	60,000

*Consumption current is external supply part only. For details, refer to the operation manual.

◆PC Interface

AP28-01A

AG20-232C

Product specifications	Support I/O points		Consumption current (mA)	Dimensions (mm)	Transmission method	Model	Standard price (¥)
	Input	Output					
Master I/F for PCI bus	512	512	500	174.6x106.7x21.5	DB A20	AP28-01A	78,000
Master I/F for PC104 bus	512	512	500	96x90x15.2	DB A20	APC28-104	68,000
RS-232C gateway (Note 2)	512	512	500	140x40x60	DB A20	AG20-232C	60,000
RS485 Modbus serial I/F	512	512	500	140x40x60	DB A20	AG20-485MD	60,000

Note 2: Driver development is required because protocol specifications differ depending on the connected equipment. For details, contact our sales representative.
*Consumption current is external supply part only. For details, refer to the operation manual.

*Products marked with Δ are made-to-order. *All prices exclude consumption tax.

Master Units

◆Open FieldBus Gateway

NZ2AW1C2D2

AG22-C1

AG22-D1

Product specifications	Support I/O points Input	Support I/O points Output	Consumption current (mA)	Dimensions (mm)	Transmission method	Model	Standard price (¥)
Gateway for CC-Link ver 2.0 CC-Link	512	512	400	140x57x54.5	DB A20	NZ2AW1C2D2	Sold by Mitsubishi Electric
Gateway for CC-Link ver 1.1 CC-Link	256	256	400	140x57x54.5	DB A20	AG22-C1	60,000
Gateway for DeviceNet DeviceNet	512	512	400	140x57x54.5	DB A20	AG22-D1	68,000

◆Bit dispersion I/O terminal Open Terminal

NZ2AW1C1BY

AB023-D1

AB023-M1

AB023-M2

Product specifications	Connection specifications	Support I/O points Input	Support I/O points Output	Consumption current	Dimensions (mm)	Transmission method	Model	Standard price (¥)
CC-Link—AnyWire Bitty Bridge unit CC-Link	Remote device station (1 to 4 stations are selectable)	256 (When 4 stations are occupied)	256 (When 4 stations are occupied)	Approx. 200mA (When 128 terminals are connected) (Not including load current)	40x100x66 (Excluding connector part)	Bitty	NZ2AW1C1BY	Sold by Mitsubishi Electric
Bit dispersion I/O terminal for DeviceNet DeviceNet	Group 2 only server	256	256	Approx. 200mA (When 128 terminals are connected) (Not including load current)	40x100x66 (Excluding connector part)	Bitty	AB023-D1	Open
Bit dispersion I/O terminal for MECHATROLINK-I/II MECHATROLINK	Intelligent I/O	216	216	Approx. 200mA (When 128 terminals are connected) (Not including load current)	40x100x73	Bitty	AB023-M1	Open
Bit dispersion I/O terminal for MECHATROLINK-III MECHATROLINK	Intelligent I/O	256	256	Approx. 200mA (When 128 terminals are connected) (Not including load current)	40x100x66	Bitty	AB023-M2	Open

Terminator

◆Terminator (Waveform forming module)

AT0

Product specifications	Dimensions (mm)	Transmission method	Model	Standard price (¥)
For DB A20 Line terminal, with polarity (attachment holder included)	44x24.5x12	DB A20	AT2	1,100
Bitty Line terminal, with polarity (attachment holder included)	44x24.5x12	Bitty	AT0	1,100

Bitty bridge

◆Bitty bridge (DB A20 - Bitty bridge)

AnyWire DB A20

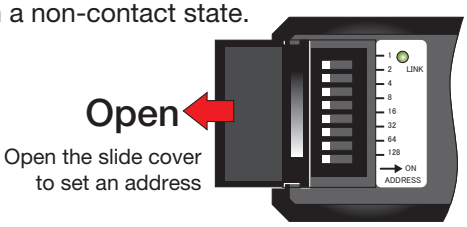
Product specifications	Connection specifications	Support I/O points Input	Support I/O points Output	Consumption current	Dimensions (mm)	Transmission method	Model	Standard price (¥)
Bitty bridge Power combination unit	AnyWire DB A20 ⇕ AnyWire Bitty	256	256	104mA or less (When 128 terminals are connected) (Not including load current)	100x48x40	Bitty	AB07-A-V3	12,000

*Transmission of “Bitty series” can be connected at the lower position of transmission of the “DB A20 series” by using Bitty bridge.

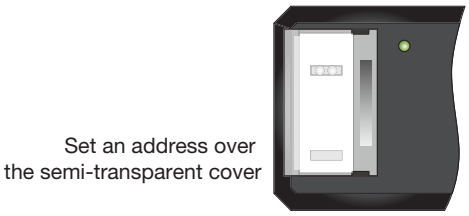
Address Setting

Two types of address setting methods

There are two types of address setting methods for the AnyWire POKAYOKE terminal, and the type depends on the terminal.
One is a type to use a DIP switch for setting, and the other is a type to use an address writer to read and write address in a non-contact state.



DIP switch type



Address writer type

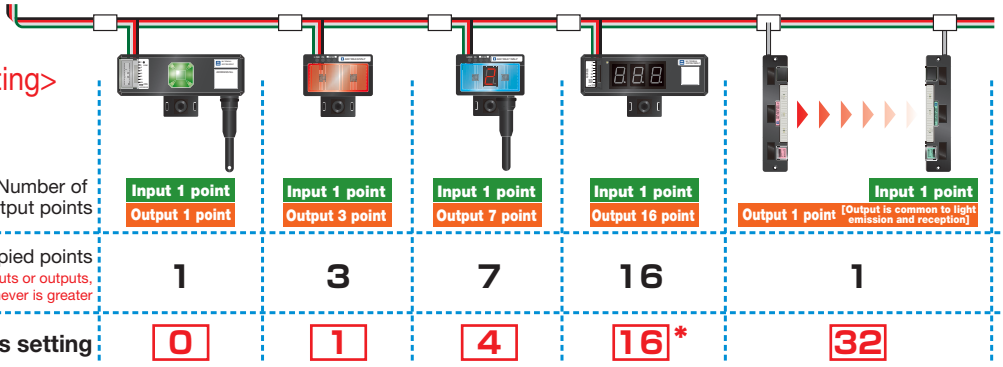
Unless the address is mistakenly set even if POKAYOKE terminals of two types of address setting methods are combined, it will operate without any problem. However, combining these may result in an address setting error at the time of installation, maintenance or expansion. Therefore, it is not recommended.

“Structure of address” common to all AnyWire POKAYOKE terminals is explained before operation of respective address setting types and setting methods are described.

Structure of address

AnyWire POKAYOKE terminals inform of the existence of terminals to a controller on the upper order by setting the head address of individual terminals. The address is represented by a decimal number, and can be set in units of 1 bit or 16 bits (it differs by product).*Maximum number of points varies with the system configuration. Contact us for details.
Examples of setting in the case that some types of POKAYOKE terminals are combined are shown below.

<Example of setting>



*For a terminal of 7-segment 3 digits, address is set in units of 16 points (16 bits).
The value is set every 16 points regardless of the number of occupied points of immediately previous terminals.

The address of the first address is “0.” Then, the address of the next terminal is, as a rule,

“address set value of immediately previous terminal” +
“number of occupied points of immediately previous terminal (Number of inputs or outputs, whichever is greater),

and values for the number of occupied points are sequentially added. As the number of occupied points differs with each terminal, refer to and confirm by the introduction page of each product. And because the address can be set only in units of 16 points for some terminals, it is necessary to set it to a value larger than the above calculated value and multiples of 16.

It is not necessary that the address set values are in connecting order. If addresses are set without duplication even when the connecting orders are exchanged by remodeling or expansion, operation can be made. And it is not necessary to always set without a margin. If there are number of points to spare and expansion, etc., is expected in the future, skip some addresses when setting.

Address Setting

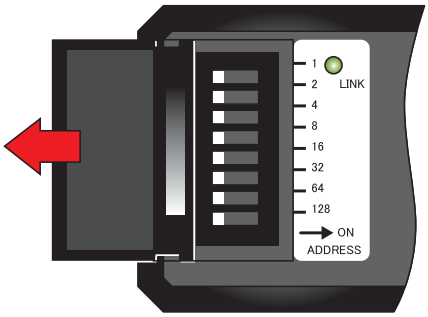
Address setting by DIP switch

Set an address by DIP switch with the slide cover of the POKAYOKE terminal body opened. Be careful of the following points when setting an address.

◇Operate the DIP switch with the power for the POKAYOKE terminal turned off.
Change in a power-on state may cause unexpected motion, which is very dangerous.

◇Use a non-conductive rod with a thin tip, etc., and make sure to perform ON/OFF operation of the DIP switch.
*There are some products of which the DIP switch is very small and difficult to operate by finger.

◇Confirm that there is no mixture of foreign matter in the cover after setting, and make sure to completely close the slide cover.



DIP switch type

Address setting by address writer

To set an address by address writer, it is necessary to use an address writer compatible with your POKAYOKE terminal. There are the following two types of address writers.

Address writer ARW-03

This writer can be used for all POKAYOKE terminals.

When it is difficult to hold ARW-03 at narrow locations, use an optional remote head. (Model: ARW-RH)

ARW-RH

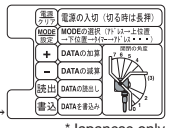
Address writer ARW-02V1

This address writer is dedicated to the POKAYOKE terminal of door opening/closing type.

This is more convenient only for door opening/closing type because indication of motion mode, etc., is suitable for door opening/closing type.

*This can be used for all POKAYOKE terminals if used only for address setting.

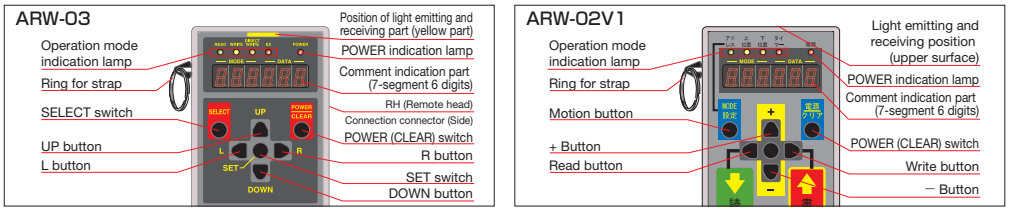
Operation explanatory diagram on the back of the address writer→



*Japanese only

Model	Address setting	Setting of door opening/closing type terminal	Setting of LED indication (selection type) and buzzer type
ARW-03	○	○*Setting method is described in the manual	○*Setting method is described in the manual
ARW-02V1	○	◎*Setting method is described on the back of the body	×

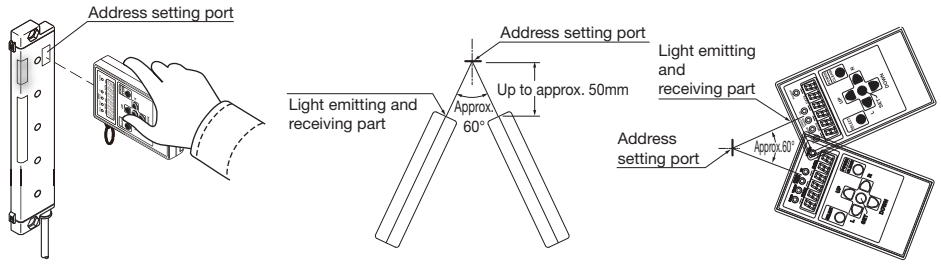
■Name of each part



■Reference of approach when address is set and confirmed

(Image of operation)

*Example: ARW-03 and POKAYOKE terminal of photoelectric transmission type



When setting an address, be careful of the following.

◇Perform operations of address setting by the address writer with power fed to the POKAYOKE terminal, and reset the power after completion of setting to reflect the setting.
When any change is made in direct mode, the changed content is immediately reflected, therefore, unexpected motion may be caused, and this is very dangerous.

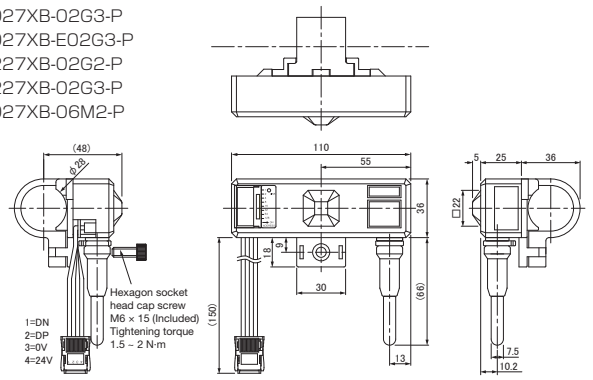
◇Refer to and confirm by the manual for details.

Dimensions

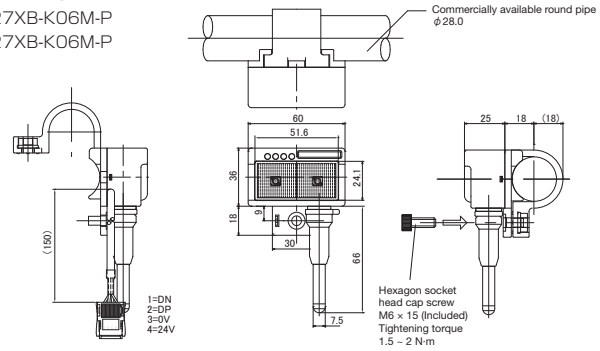
Dimensional outlines drawing

Unit: mm

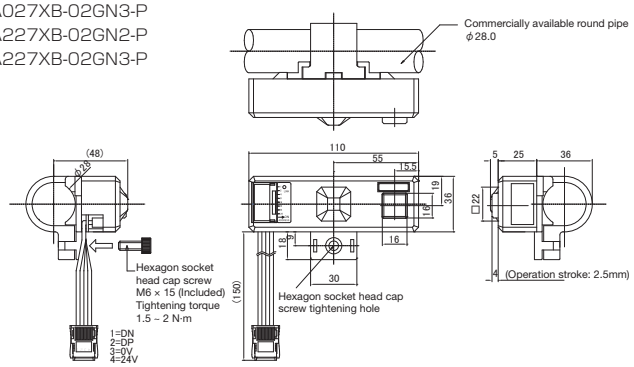
A027XB-02G2-P
A027XB-02G3-P
A027XB-E02G3-P
A227XB-02G2-P
A227XB-02G3-P
A027XB-06M2-P



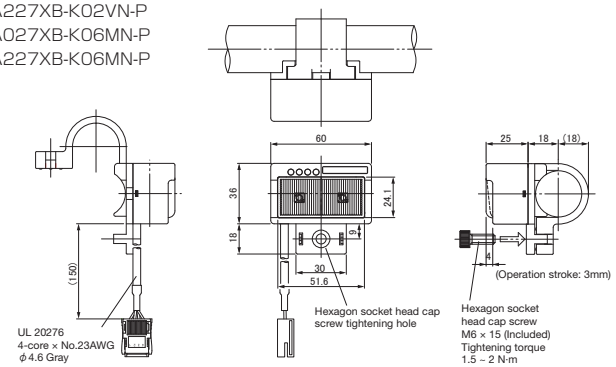
A027XB-K02V-P
A227XB-K02V-P
A027XB-K06M-P
A227XB-K06M-P



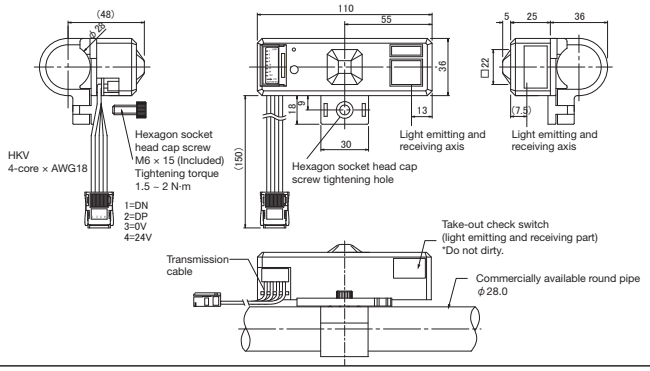
A027XB-02GN2-P
A027XB-02GN3-P
A227XB-02GN2-P
A227XB-02GN3-P



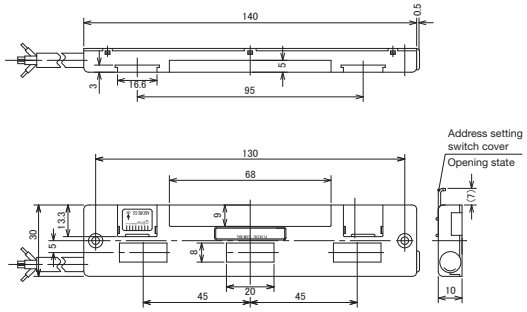
A027XB-K02VN-P
A227XB-K02VN-P
A027XB-K06MN-P
A227XB-K06MN-P



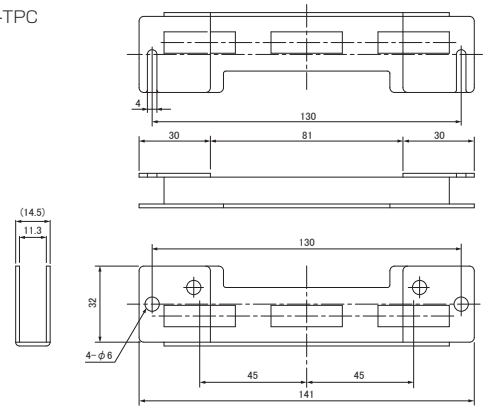
A027XB-02GL2-P／A027XB-02GL3-P
A227XB-02GL2-P／A227XB-02GL3-P



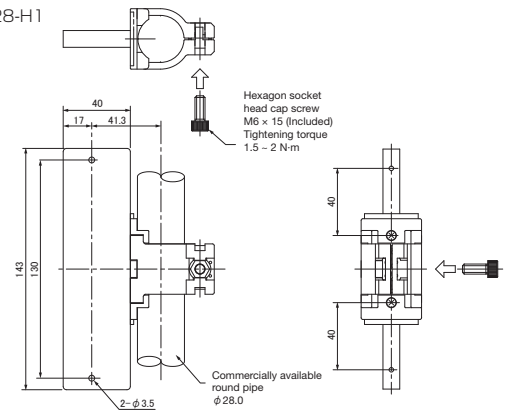
A027PB-T02G-P／A027XB-T02G-C
A227PB-T02G-P／A227XB-T02G-C



A027-TPC



A027-THP28-H1

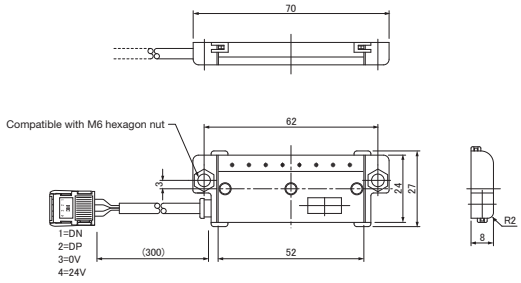


*Refer to page 30 for dimensional outlines drawings of ϕ28 pipe installation holder, SUS pipe installation holder and address writer excluding those for transmission type.

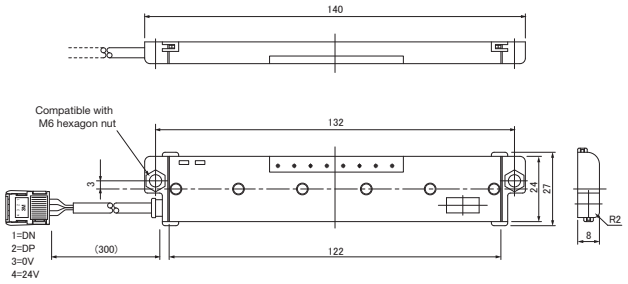
Dimensional outlines drawing

Unit: mm

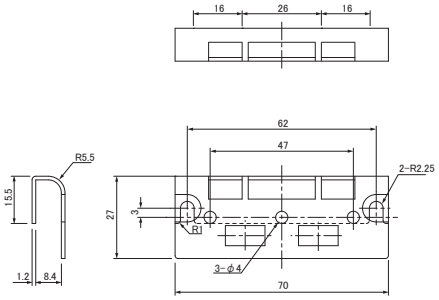
A027PB-T07P02D-P ／ A027XB-T07P02D-C
A227PB-T07P02D-P ／ A227XB-T07P02D-C



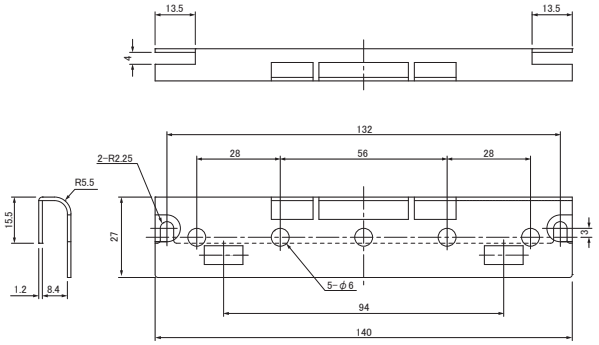
A027PB-T14P02D-P ／ A027XB-T14P02D-C
A227PB-T14P02D-P ／ A227XB-T14P02D-C



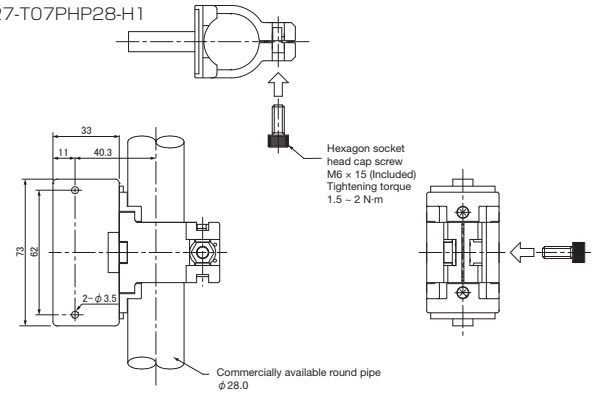
A027-T07PC



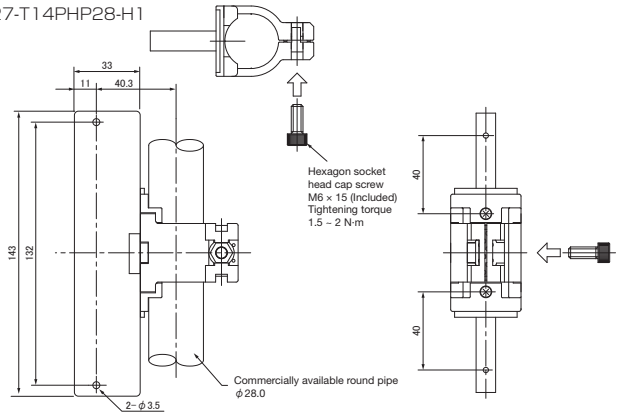
A027-T14PC



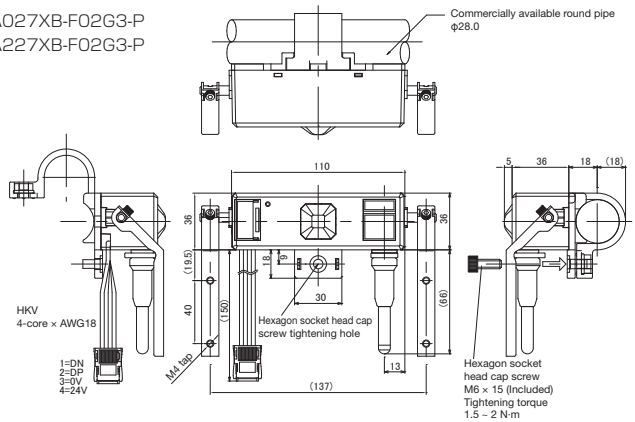
A027-T07PHP28-H1



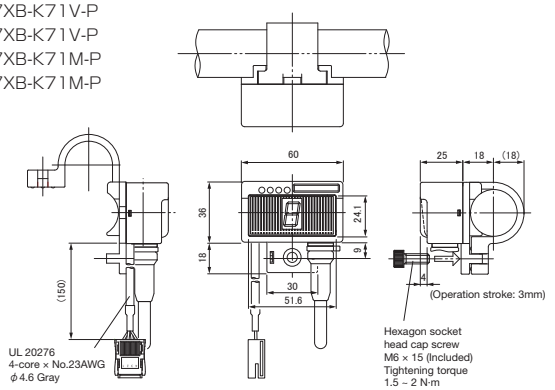
A027-T14PHP28-H1



A027XB-F02G3-P
A227XB-F02G3-P



A027XB-K71V-P
A227XB-K71V-P
A027XB-K71M-P
A227XB-K71M-P



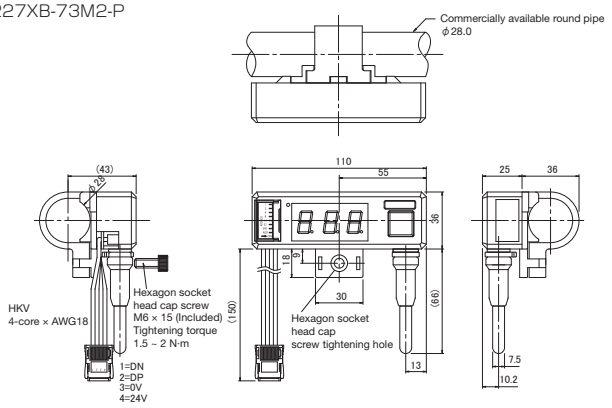
*Refer to page 30 for dimensional outlines drawings of φ28 pipe installation holder, SUS pipe installation holder and address writer excluding those for transmission type.

Dimensions

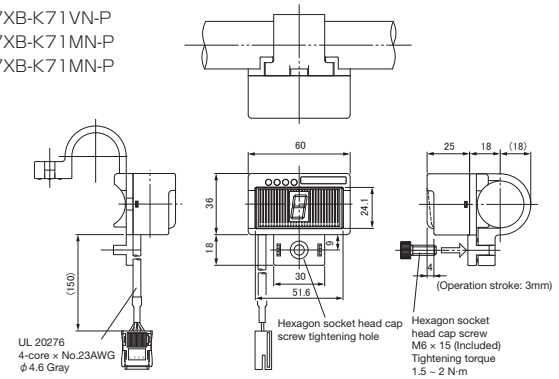
Dimensional outlines drawing

Unit: mm

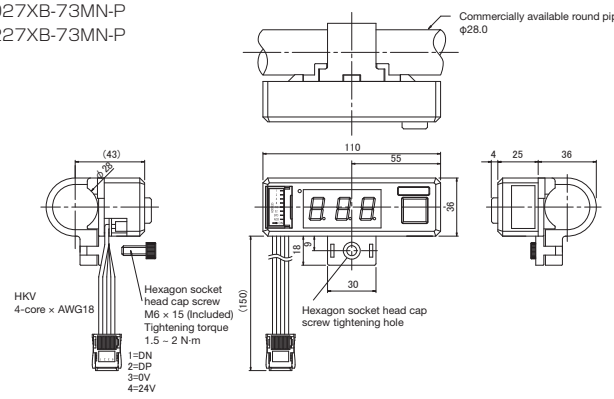
A227XB-73M2-P



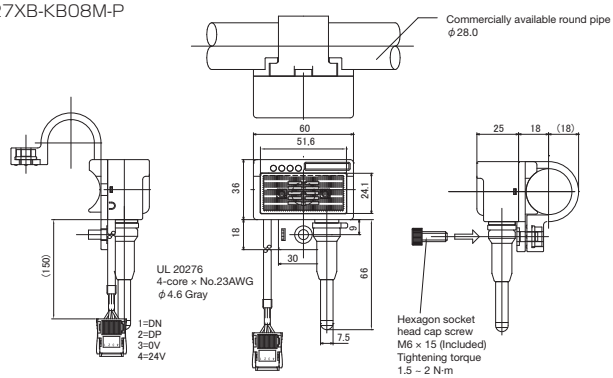
A027XB-K71VN-P
A227XB-K71VN-P
A027XB-K71MN-P
A227XB-K71MN-P



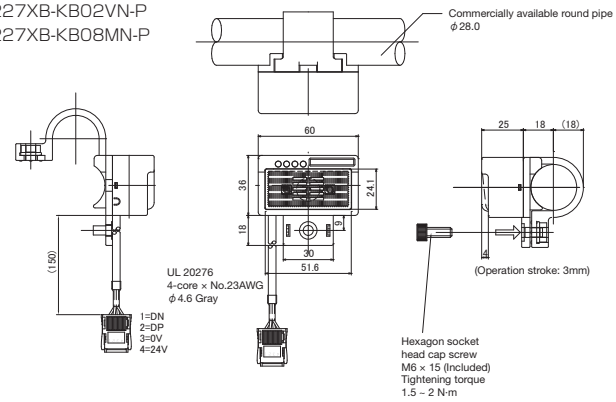
A027XB-73MN-P
A227XB-73MN-P



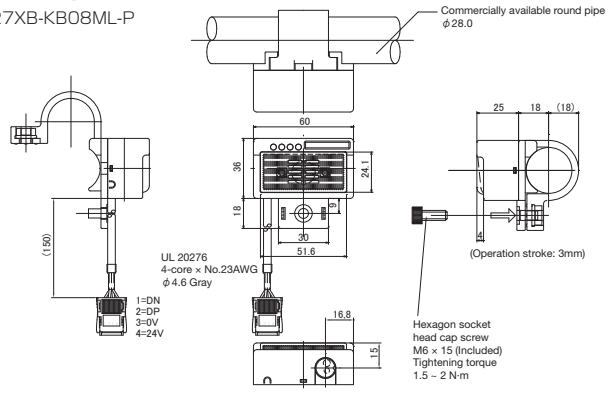
A227XB-KB02V-P
A227XB-KB08M-P



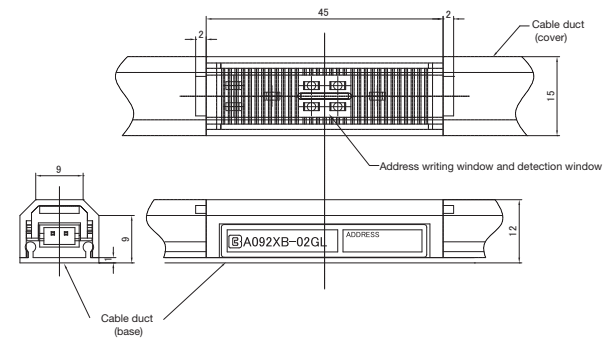
A227XB-KB02VN-P
A227XB-KB08MN-P



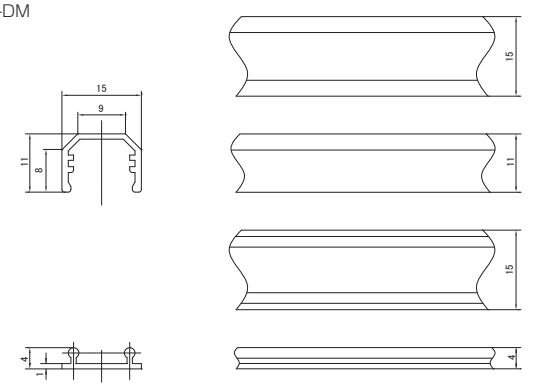
A227XB-KB02VL-P
A227XB-KB08ML-P



A092XB-02GL



A092-DM

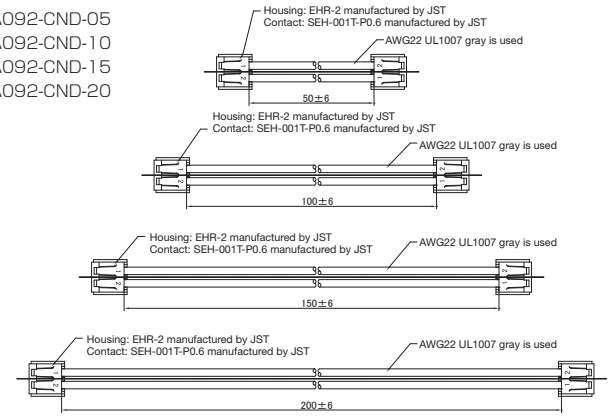


*Refer to page 30 for dimensional outlines drawings of ϕ28 pipe installation holder, SUS pipe installation holder and address writer excluding those for transmission type.

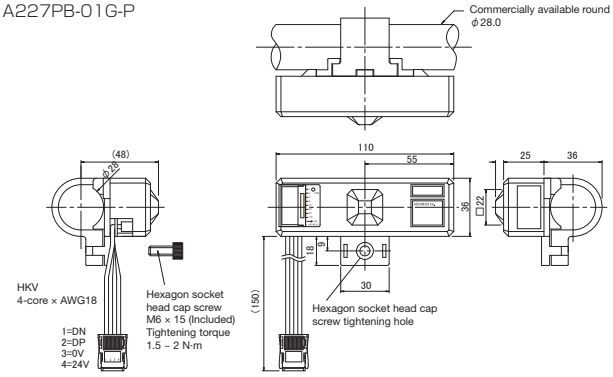
Dimensional outlines drawing

Unit: mm

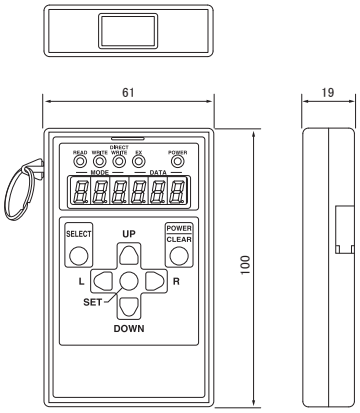
A092-CND-05
A092-CND-10
A092-CND-15
A092-CND-20



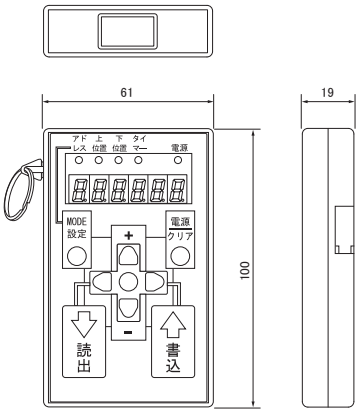
A027PB-01G-P
A227PB-01G-P



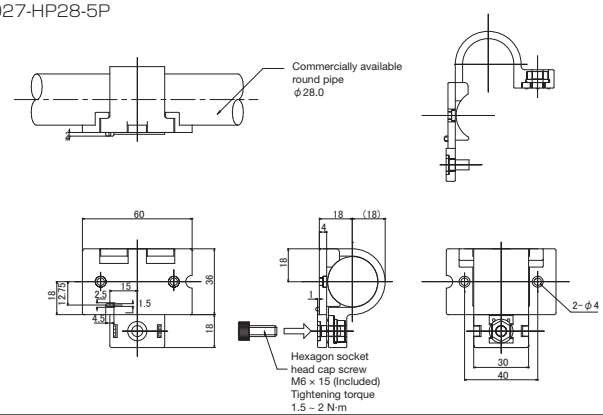
ARW-03



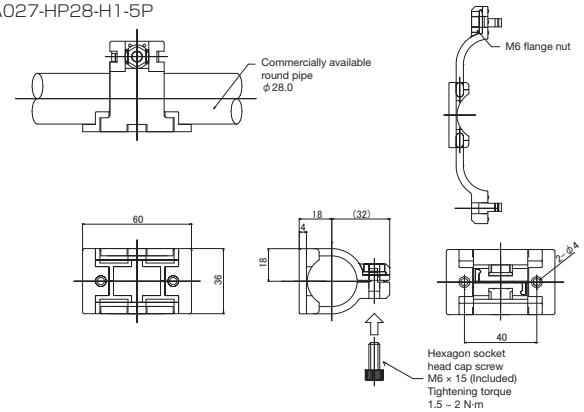
ARW-02V1



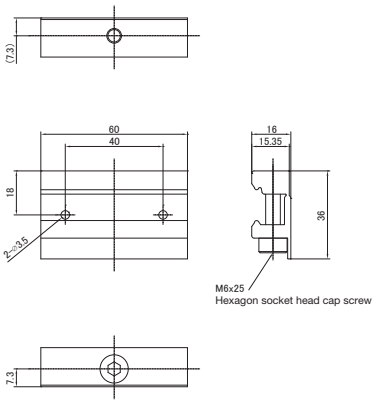
A027-HP28-5P



A027-HP28-H1-5P



A027-HP-SUS2



AnyWireASLINK system catalog

Bitty series catalog

DB A20 series catalog

DB A40 series catalog

POKAYOKE catalog

Mapping catalog

iDC Environmental Monitoring System catalog

Energy monitoring energy saving support catalog

Contact

☐ **Contact by mail** info_e@anywire.jp

☐ **Contact by website** http://www.anywire.jp

Price, specifications and design may be subject to change without notice.

<Warranty>

◇Warranty period
The warranty on the delivered Product shall continue to be effective for one (1) year after the delivery thereof to a location designated by the original owner.

◇Scope of warranty
Should a defect occur in any part of the Product during the foregoing warranty period when it is used normally in accordance with the specifications described in this User's Manual, the Company shall replace or repair the defect free of charge, except when it arises as a result of:
(1) Misuse or abuse of the Product by the owner;
(2) Fault caused by reason of other than the delivered Product;
(3) The unauthorized modification or repair of the Product by any person other than the Company's personnel;
(4) Any unusual force of nature, disaster or other cause beyond the Company's control.
The term "warranty," as used herein, refers to the warranty applicable to the delivered product alone. The Company shall not be liable for consequential or incidental damage resulting from any malfunction.

◇Repair at cost
After the expiration of the warranty period, the owner shall be responsible for all costs and expenses incurred for the troubleshooting and repair of the Product. Even during the warranty term, the Company shall repair any defects arising from causes other than within the scope of the warranty as specified above, at the owner's cost.

<Notes on Safety>

●: WARNING ○: CAUTION

●System Safety
- This system is intended for general industrial applications. It does not include functions for supporting applications requiring higher levels of safety such as safety-related devices or accident prevention systems. The product must not be used for these purposes.
- Always turn off the power before attempting to mount or replace.

○System power supply
Use a stable, 24V DC power supply. Use of an unstable power supply may cause problems with the system.

○Separately route high-voltage and power cables
Although the system has a high noise margin, separate the transmission line and the input/output cables from the high voltage line and the power line.

○Connector and terminal connection
* Pay careful attention to the length and installation of cable wiring to ensure that connectors and cables are neither overloaded nor disconnected.
* Make sure to prevent any metal objects from getting inside the connectors or the terminal blocks.
* Short-circuits caused by metal objects or mis-wiring are likely to damage the device.

○Do not impose any external loads on the units. Doing so may cause a failure.

○Do not disconnect or reconnect between the transmission line and slave units. A malfunction may occur.

○Use the POKAYOKE terminal series, DB A20 series, Bitty series within the range of the specifications and conditions specified in each manual.

Anywire

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

ISO9001 / 1400
Certification

Anywire Corporation

☐ **Headquarters**
1 Babazusho, Nagaokakyo-shi, Kyoto 617-8550 JAPAN

http://www.anywire.jp

ISO9001 Applicable scope: Headquarters, East Japan Office, Kyoto Factory
ISO14001 Applicable scope: Headquarters, Kyoto Factory

Comments/suggestions about AnyWire products:

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